

**Fig.1**

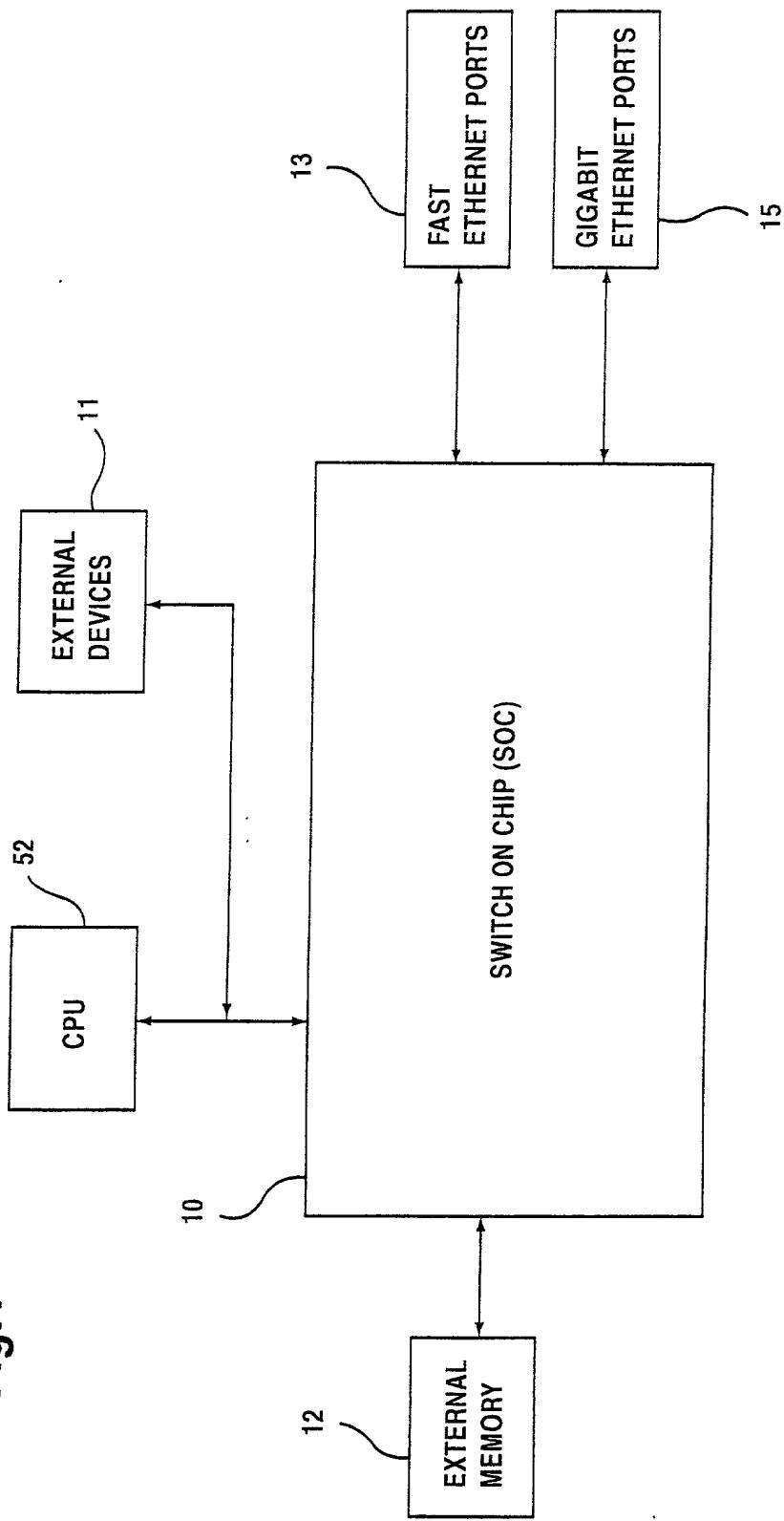
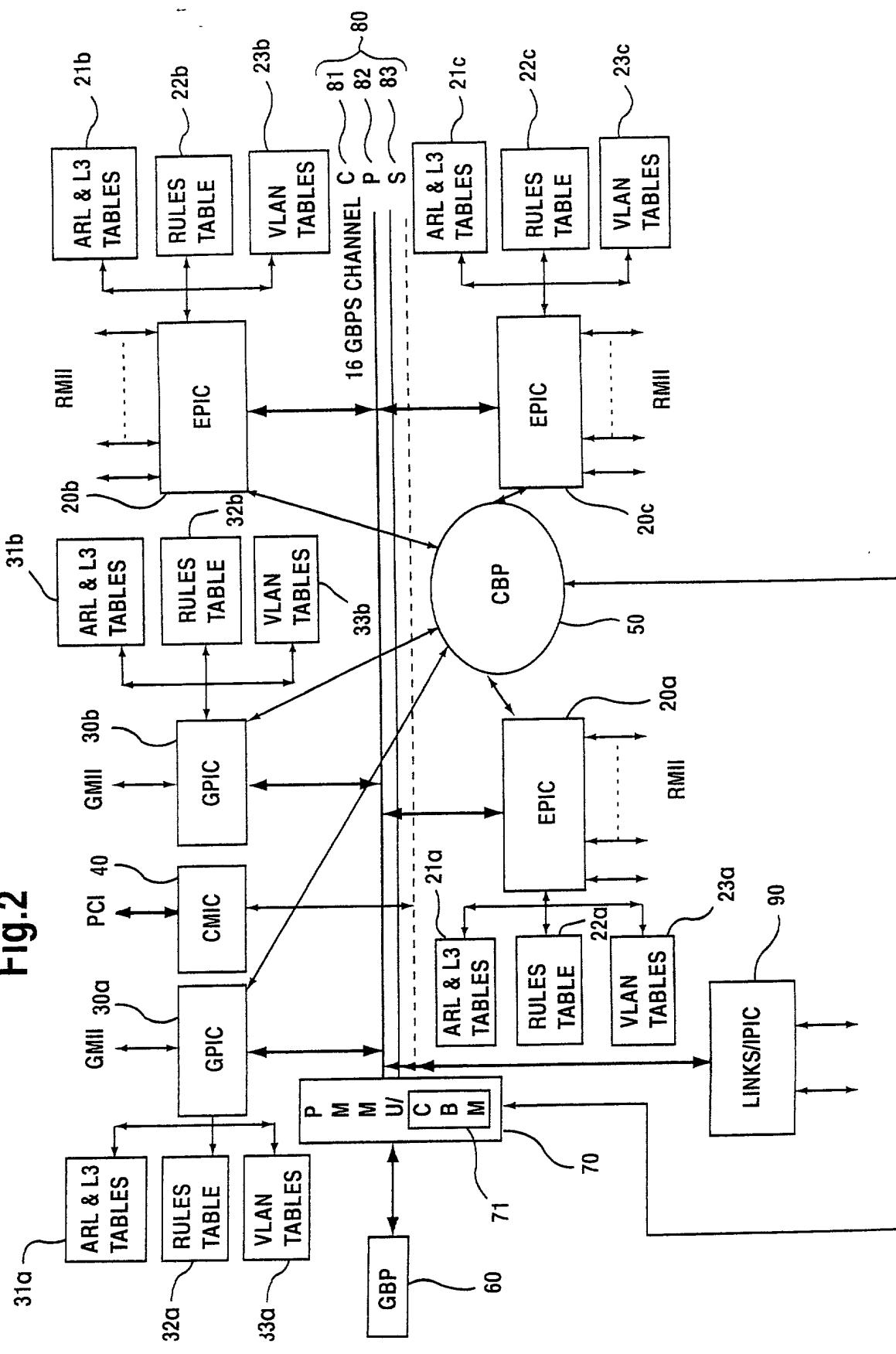
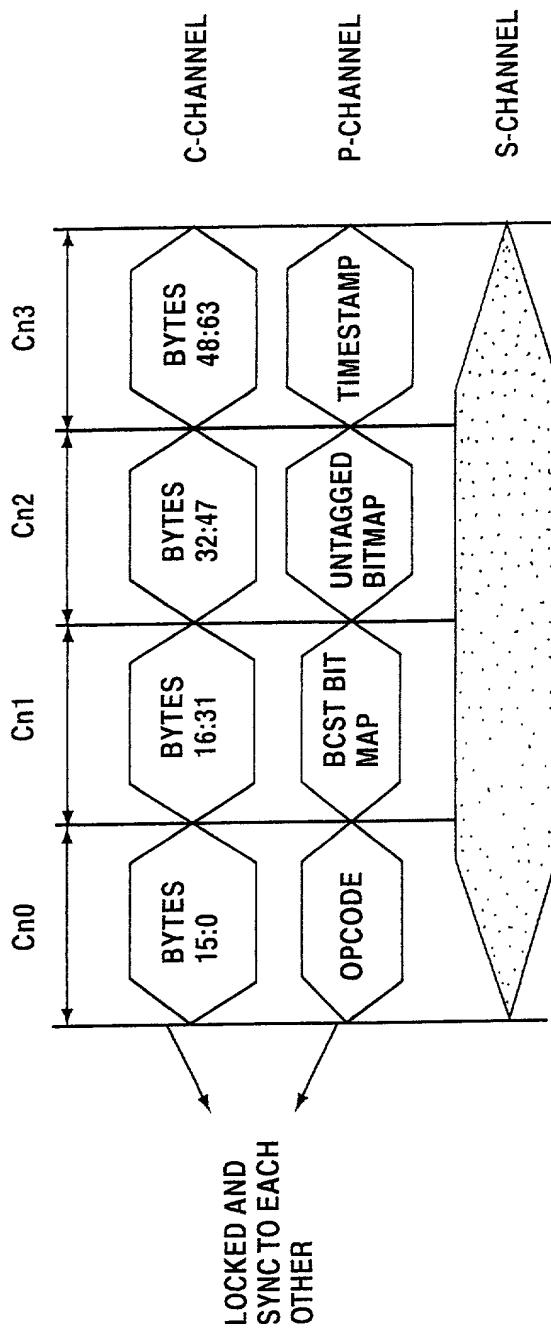


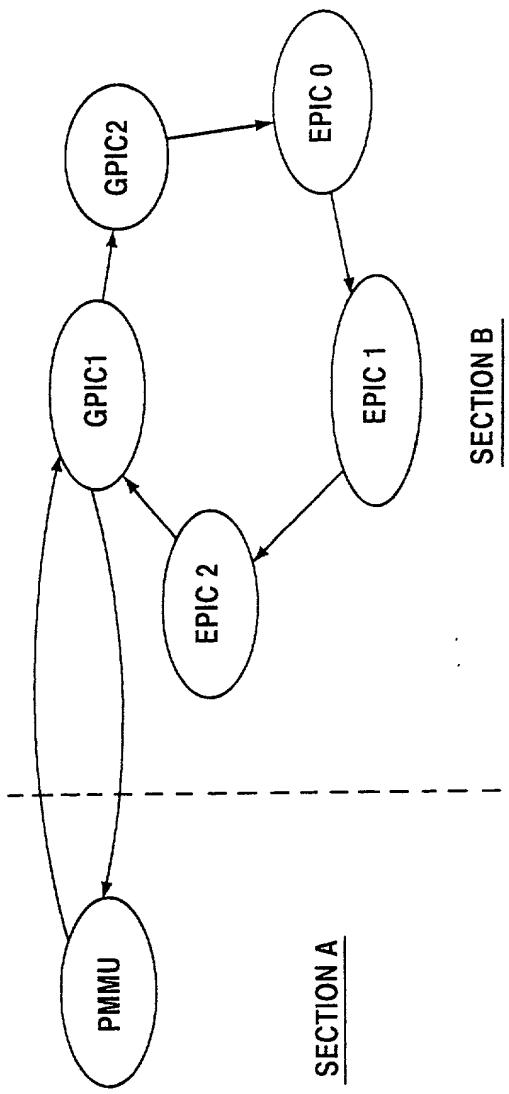
Fig. 2



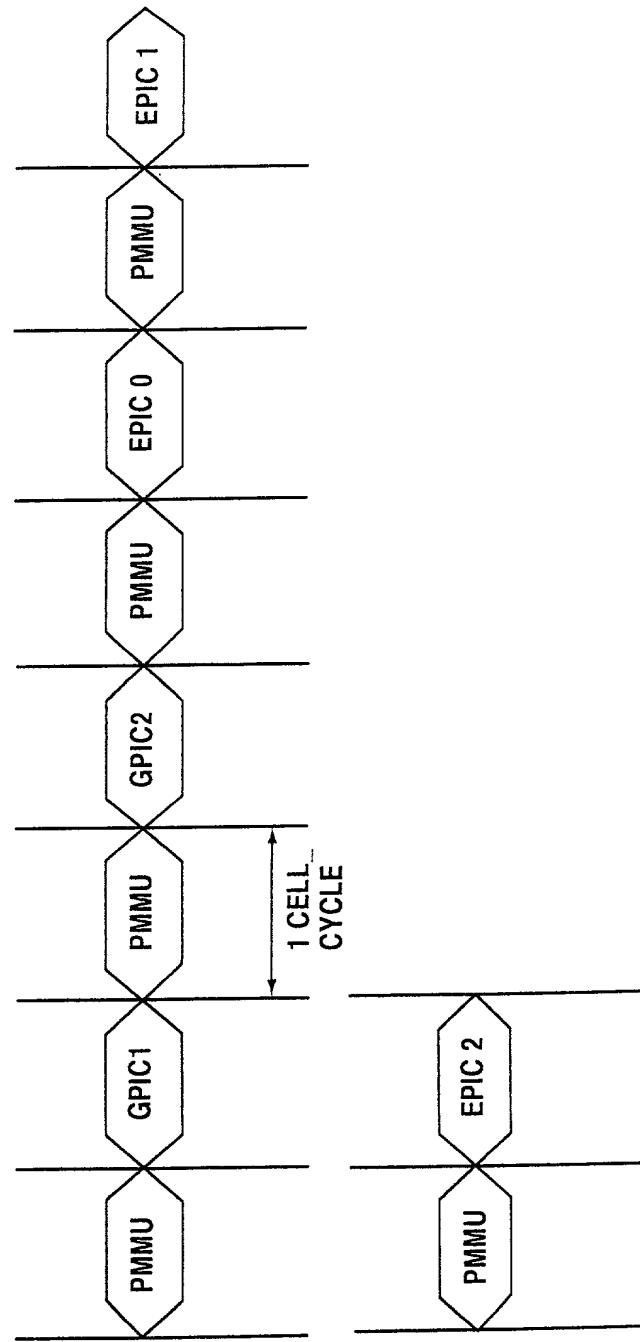
**Fig.3**



TOP SECRET//SI



**Fig.4a**



**Fig.4b**

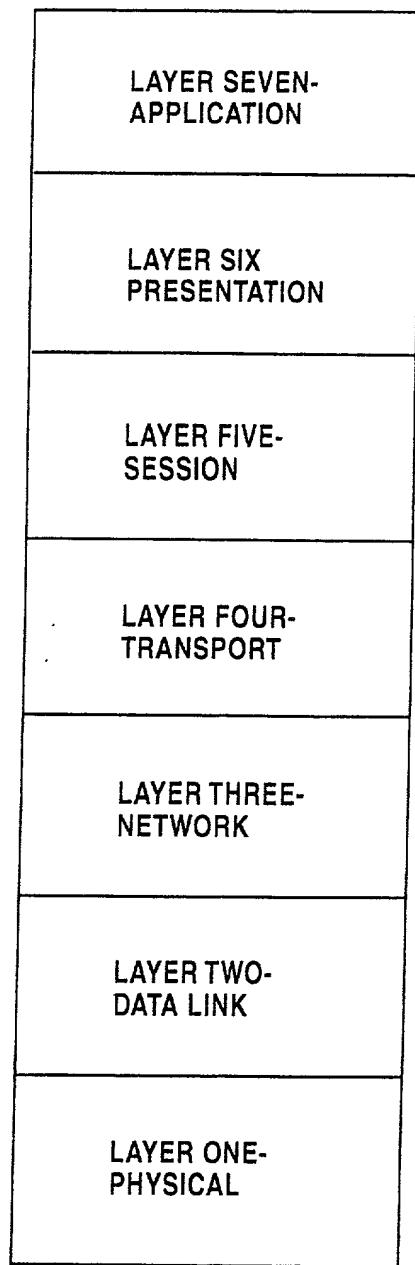
**Fig. 5**

PROTOCOL CHANNEL MESSAGES

Fig. 6

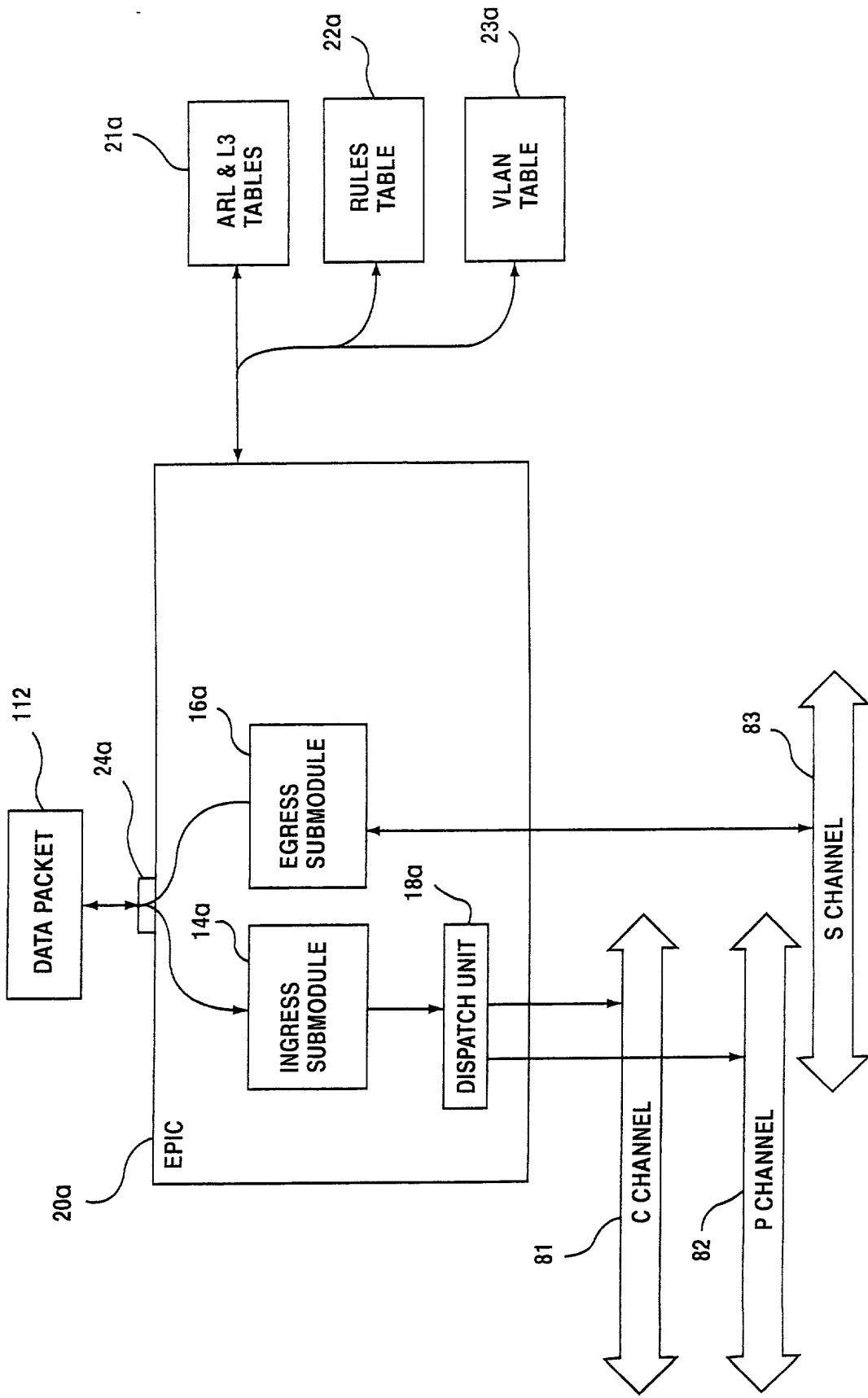
SIDE BAND CHANNEL MESSAGES

**Fig.7**  
PRIOR ART



TYPE 30-EE234560

**Fig.8**



**Fig.9**

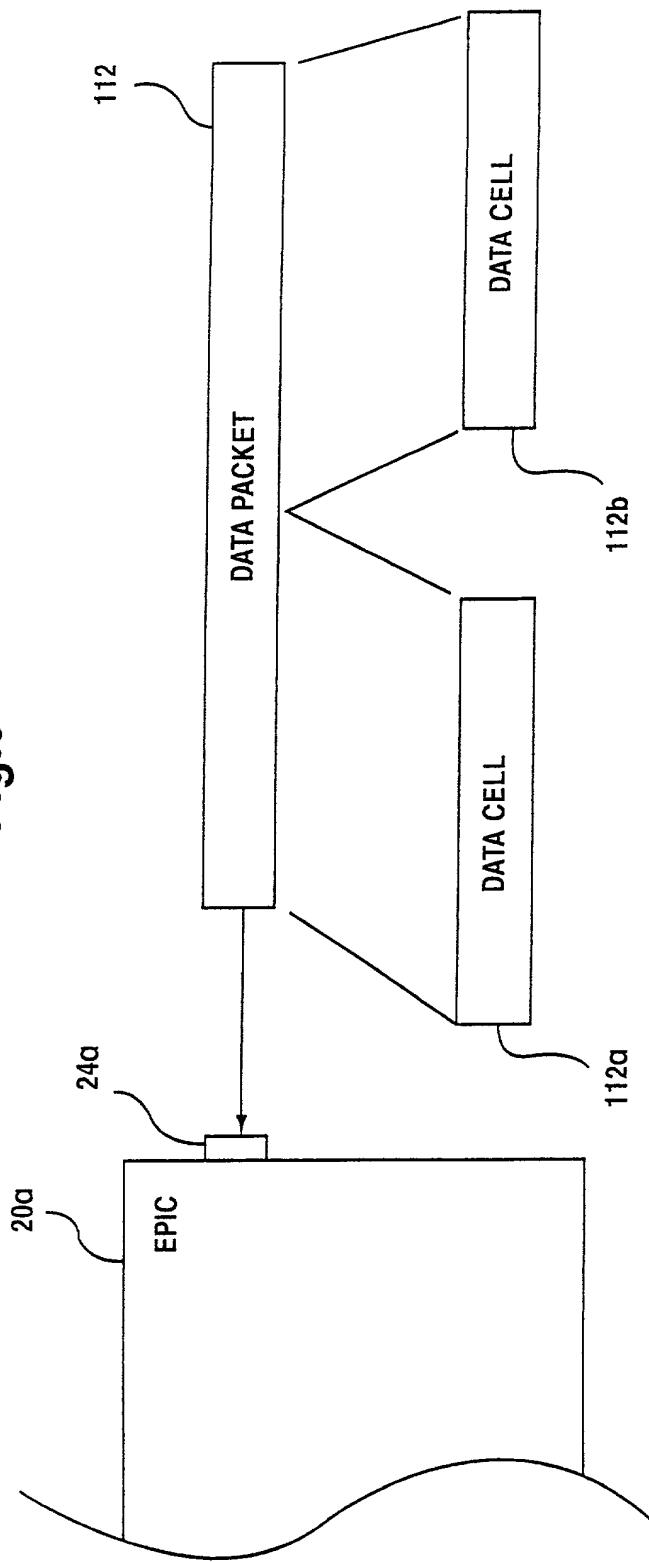
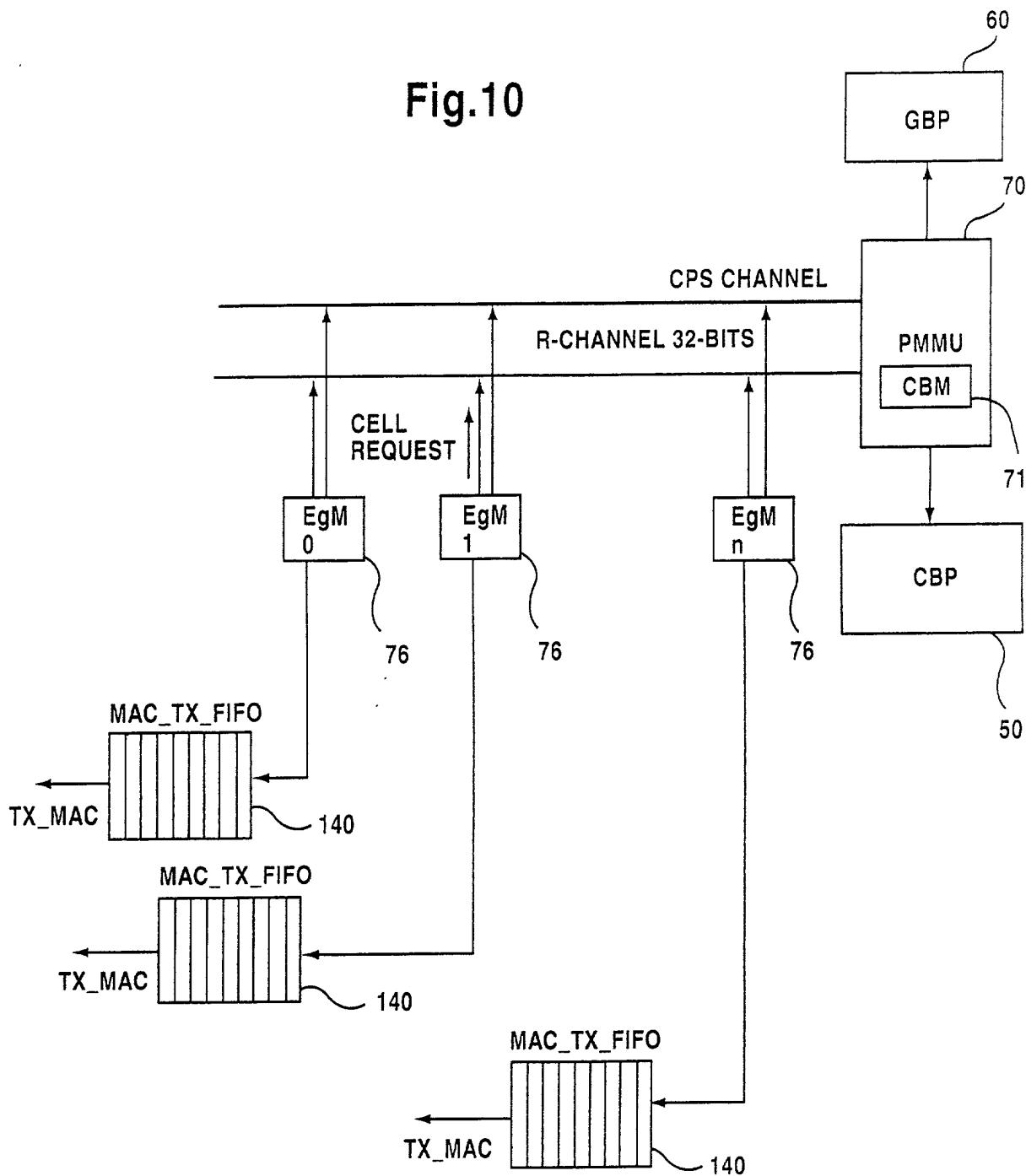
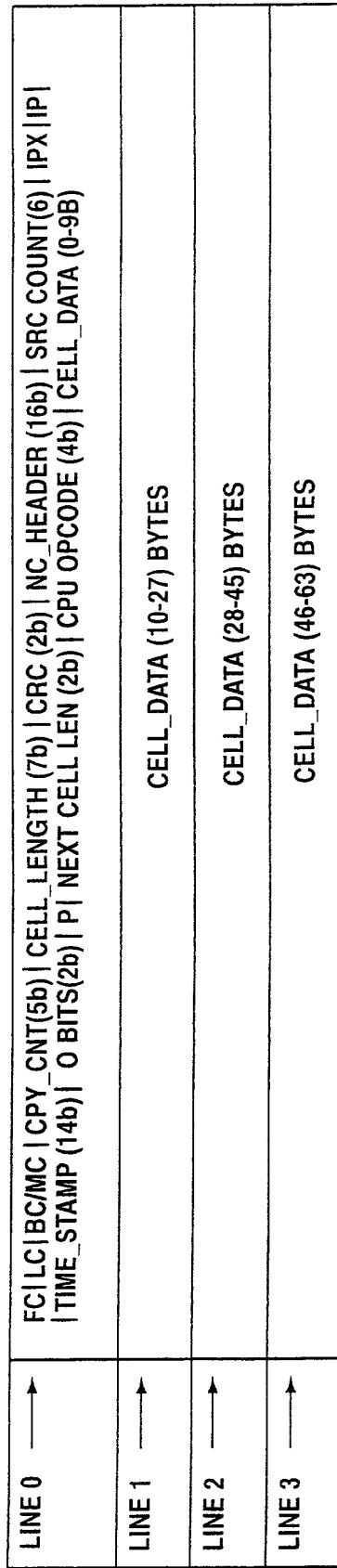


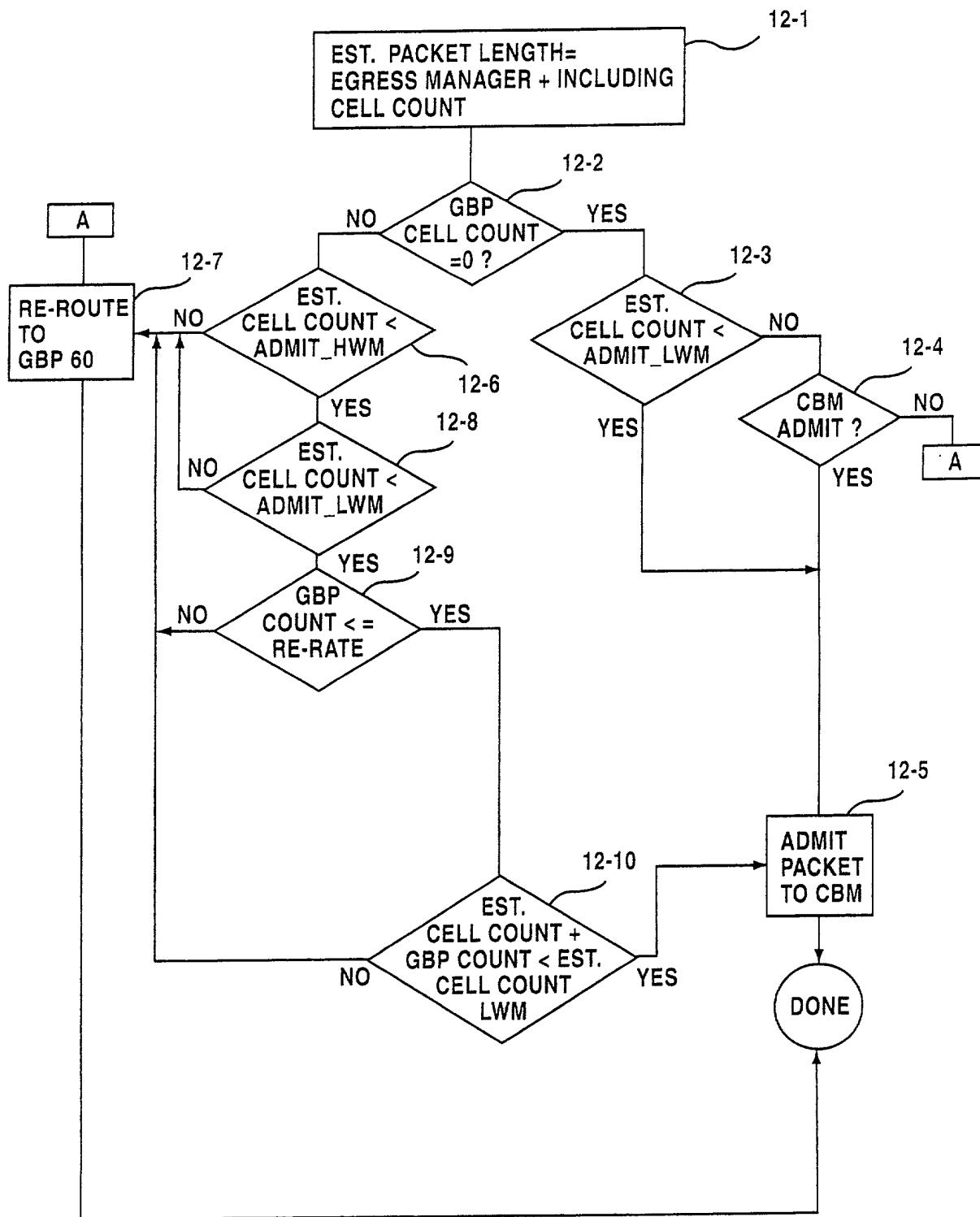
Fig.10



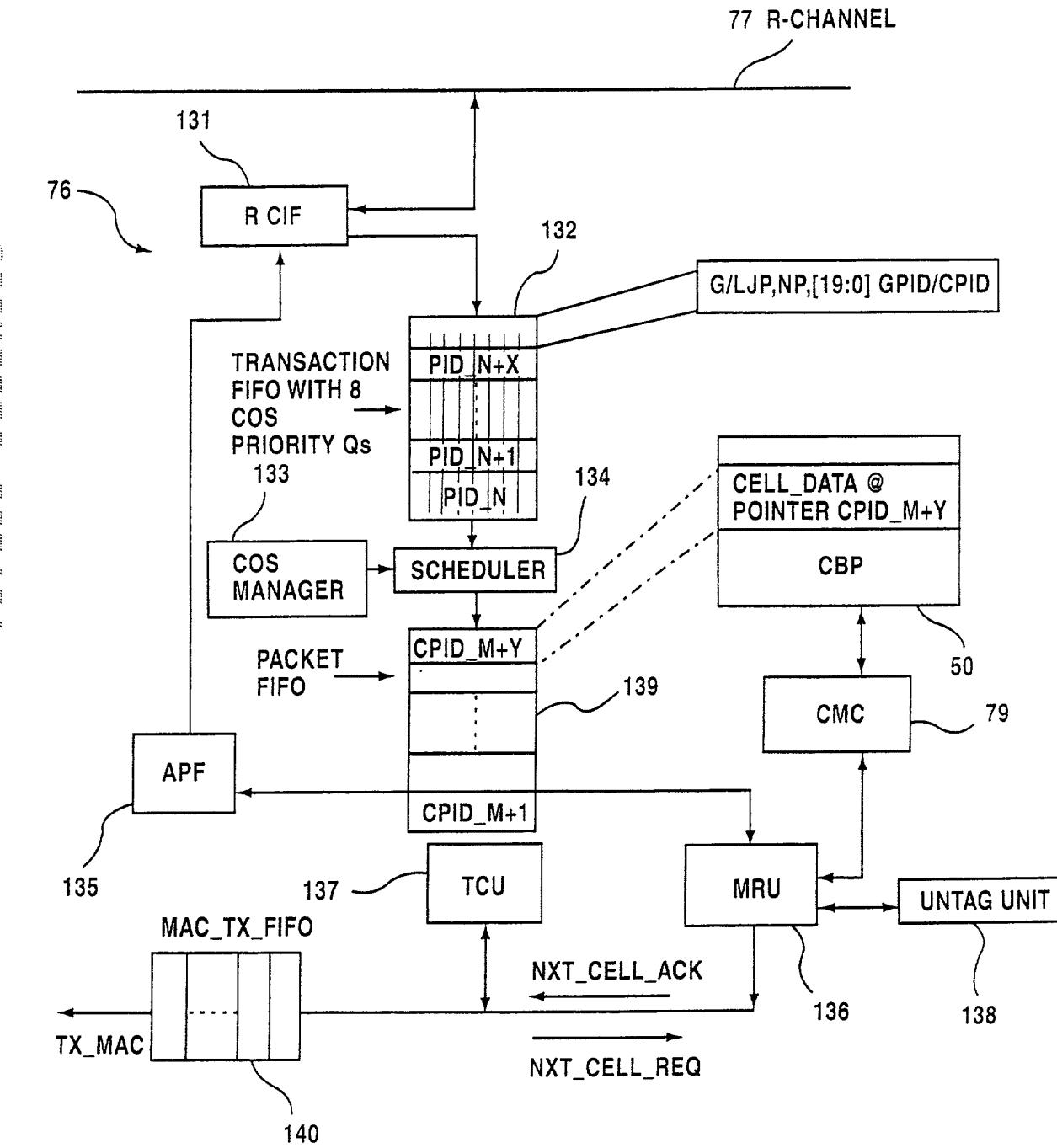
**Fig.11**

**Fig.12**

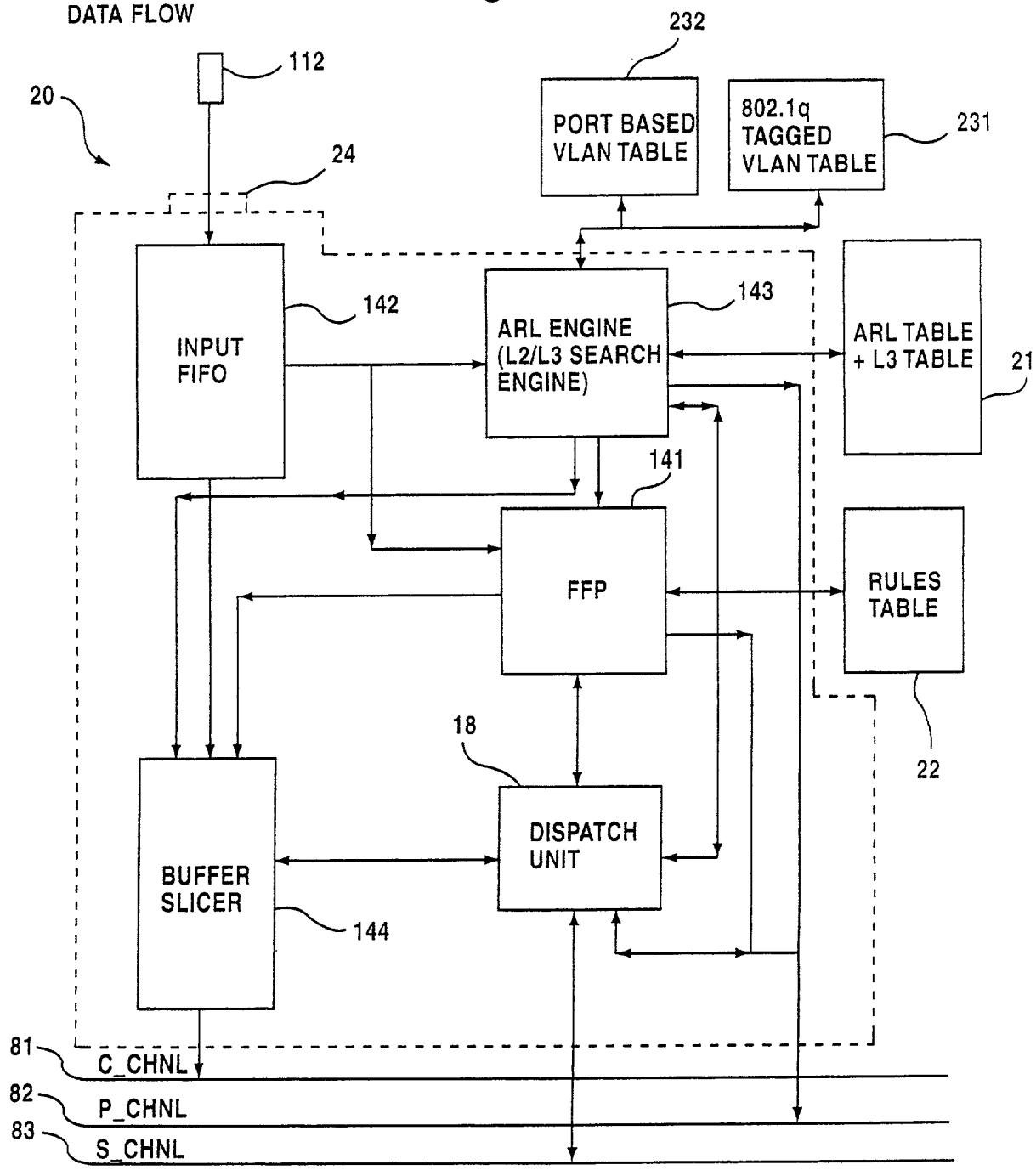
PROT000000000000000000000000000000



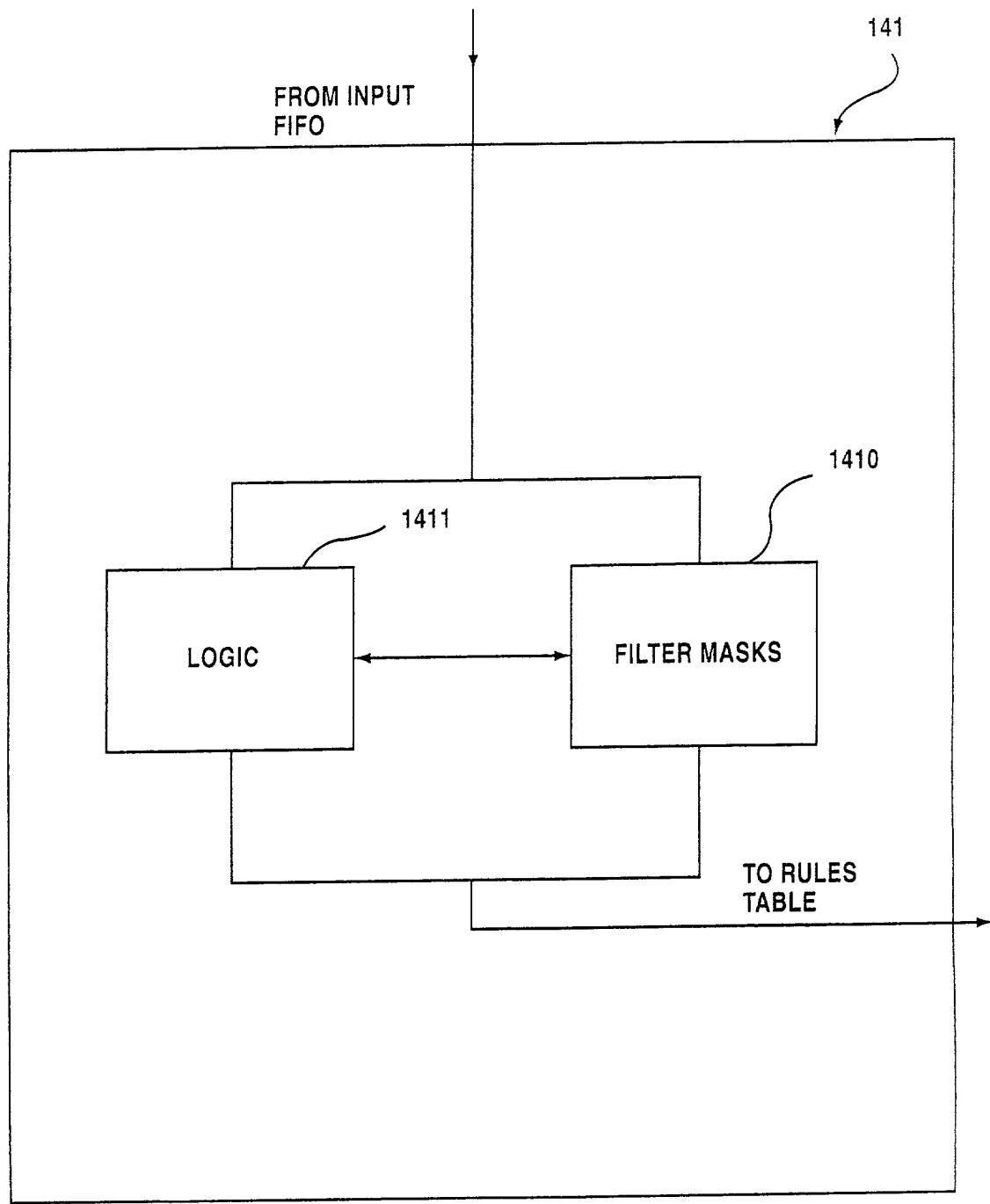
**Fig.13**



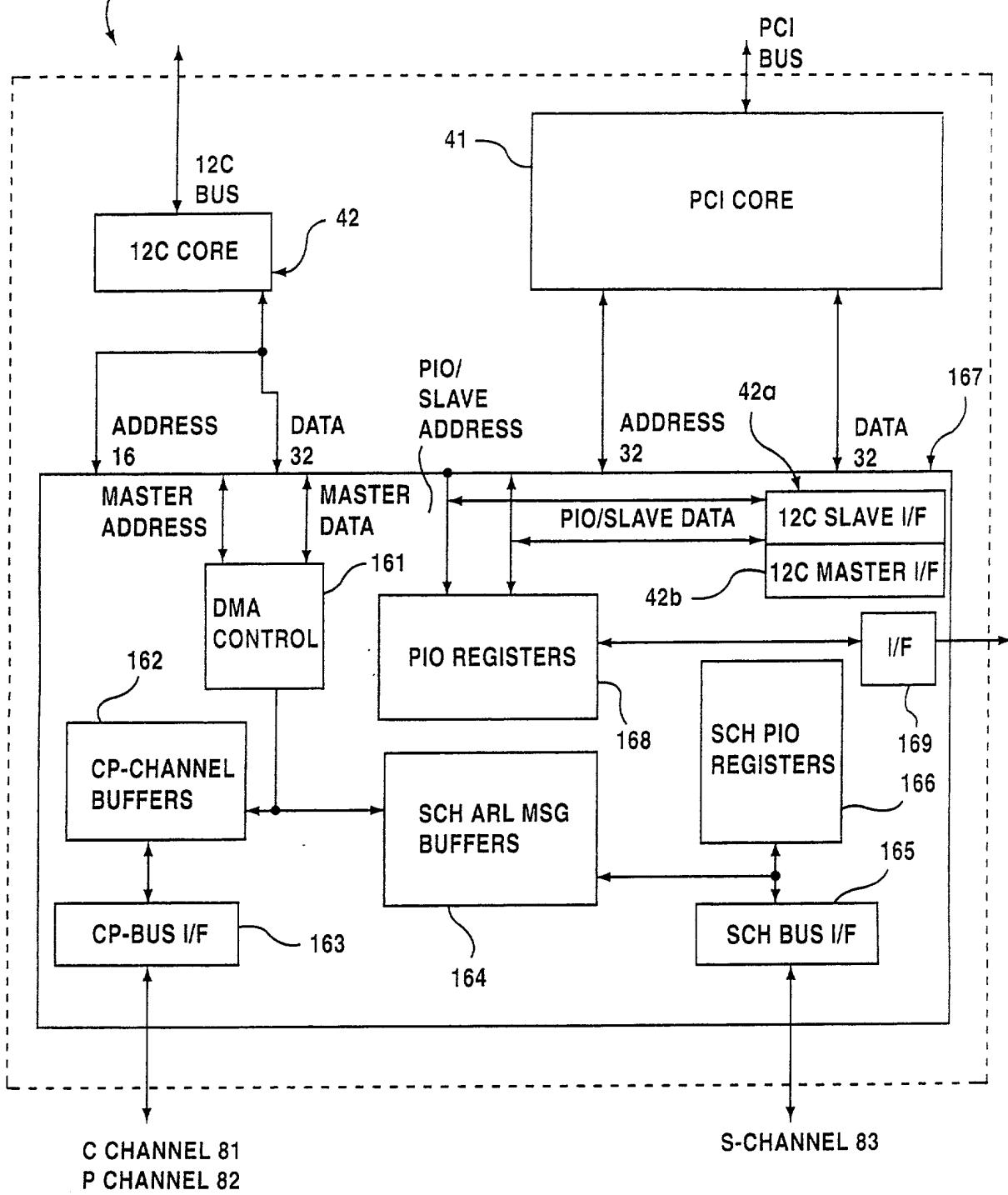
**Fig.14**



**Fig.15**

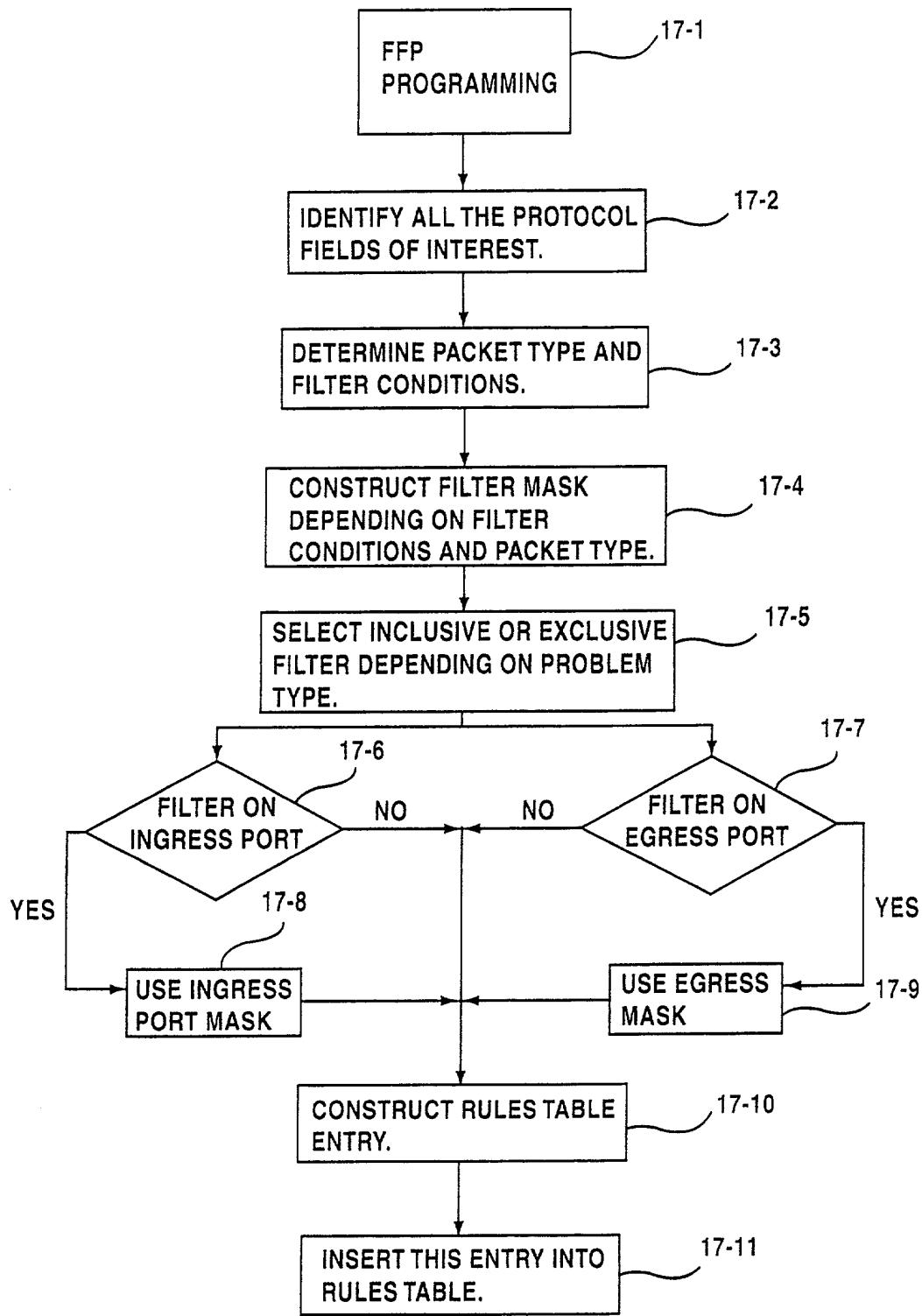


**Fig.16**

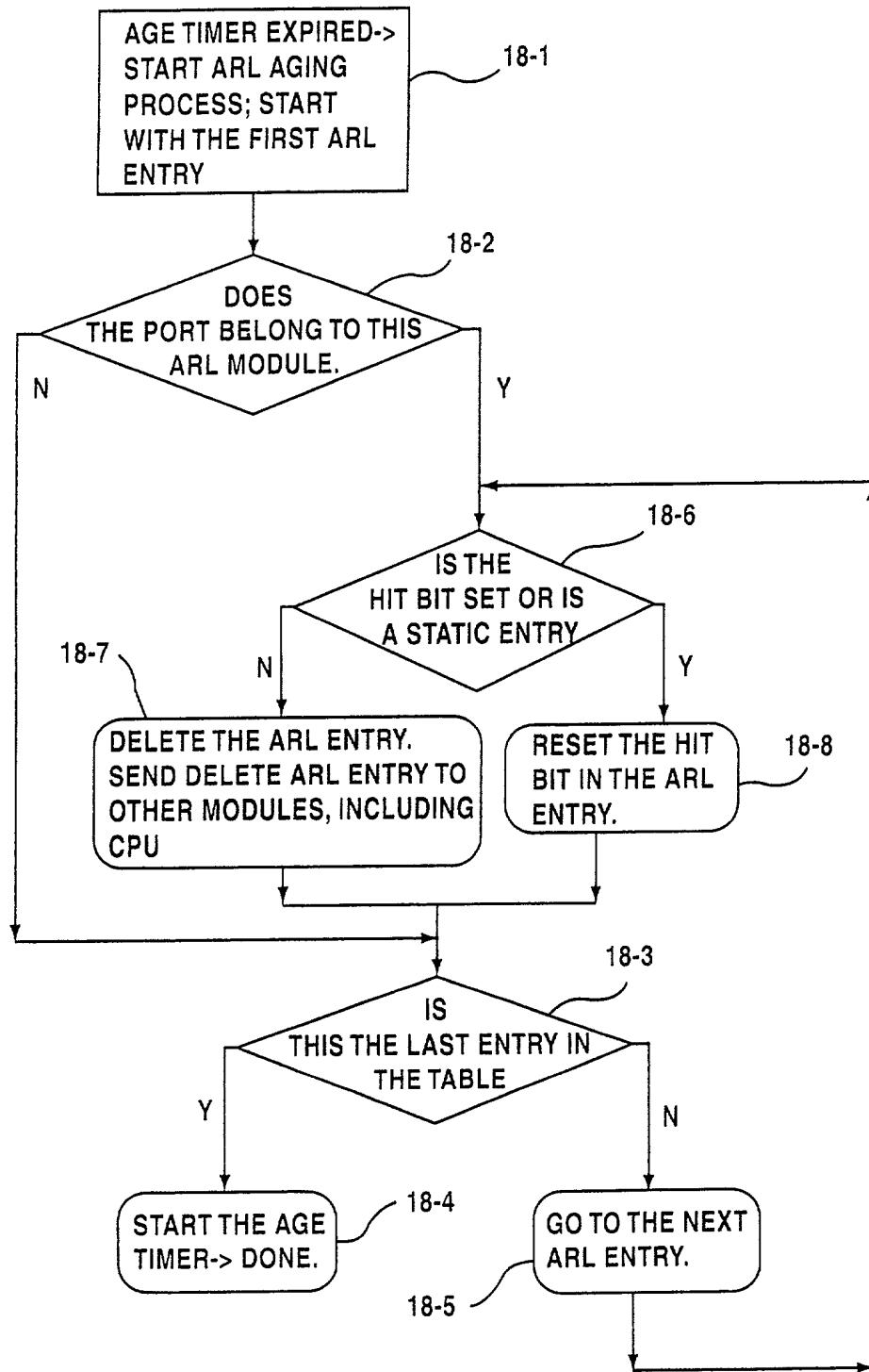


**Fig.17**

**FFP PROGRAMMING FLOW CHART**

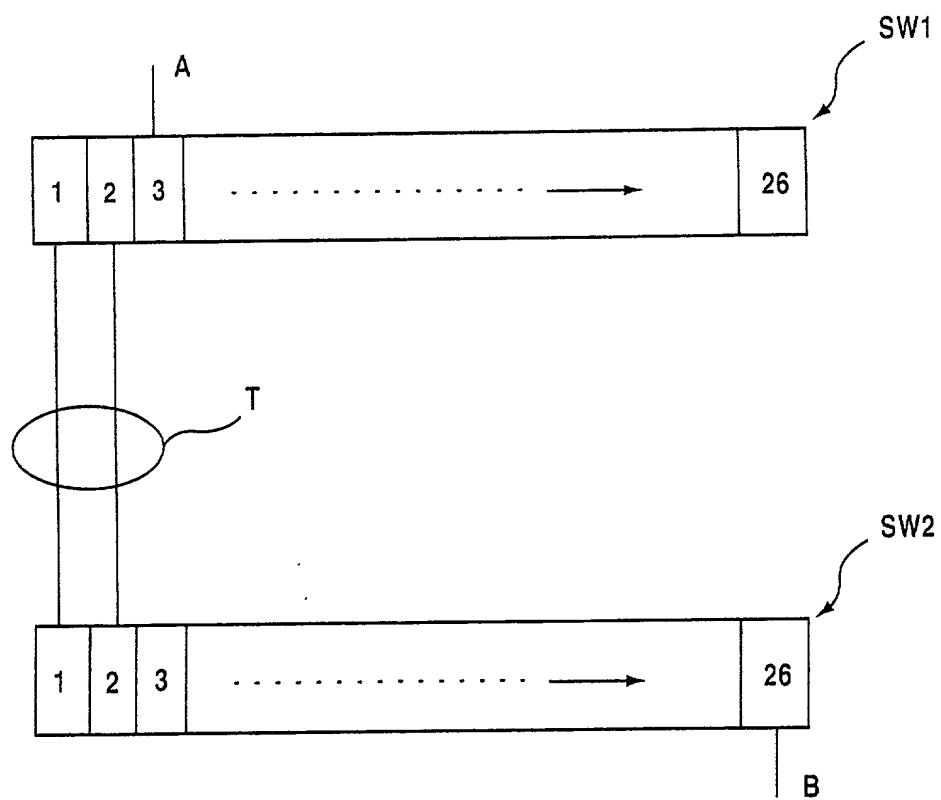


**Fig.18**

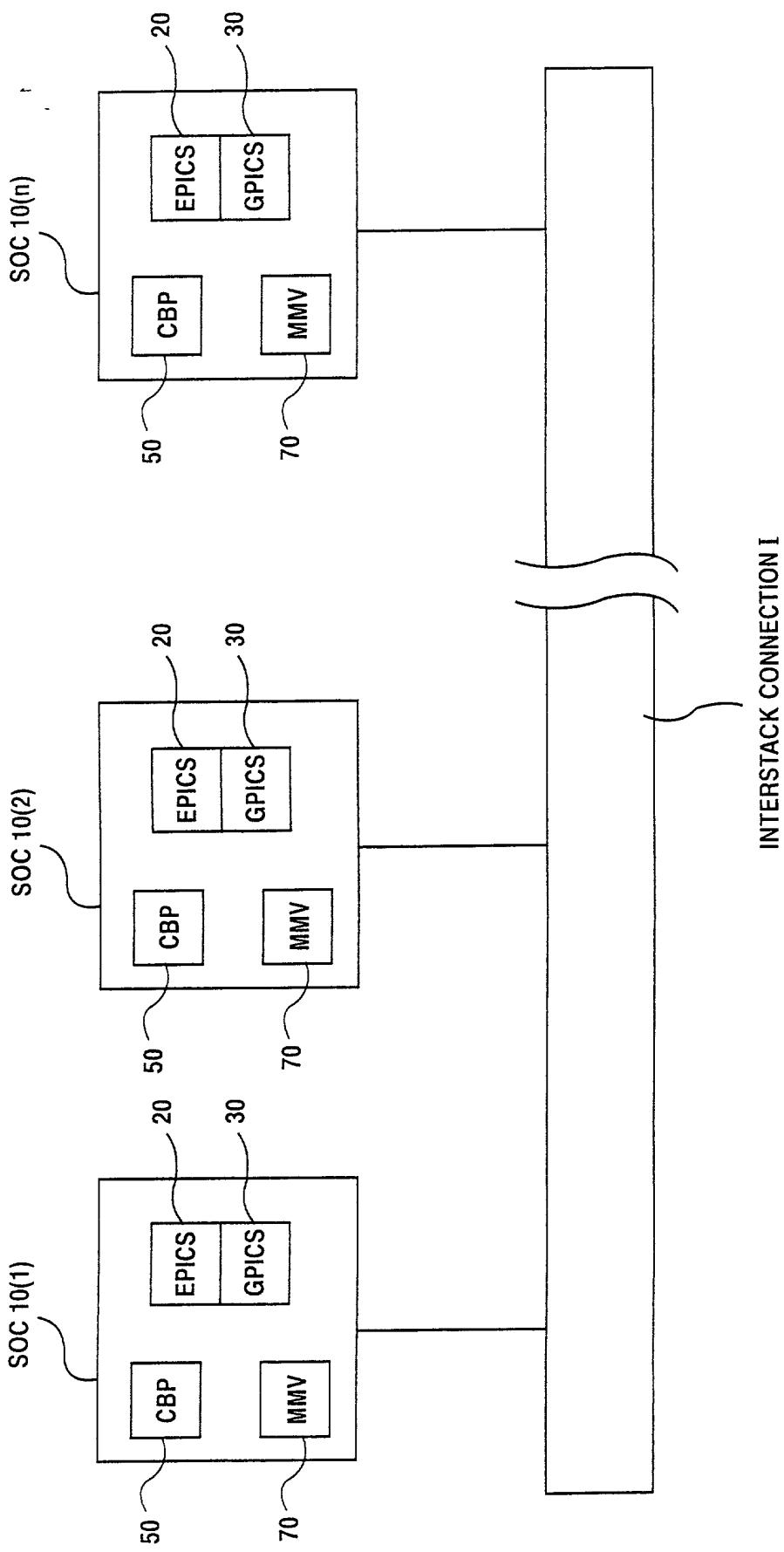


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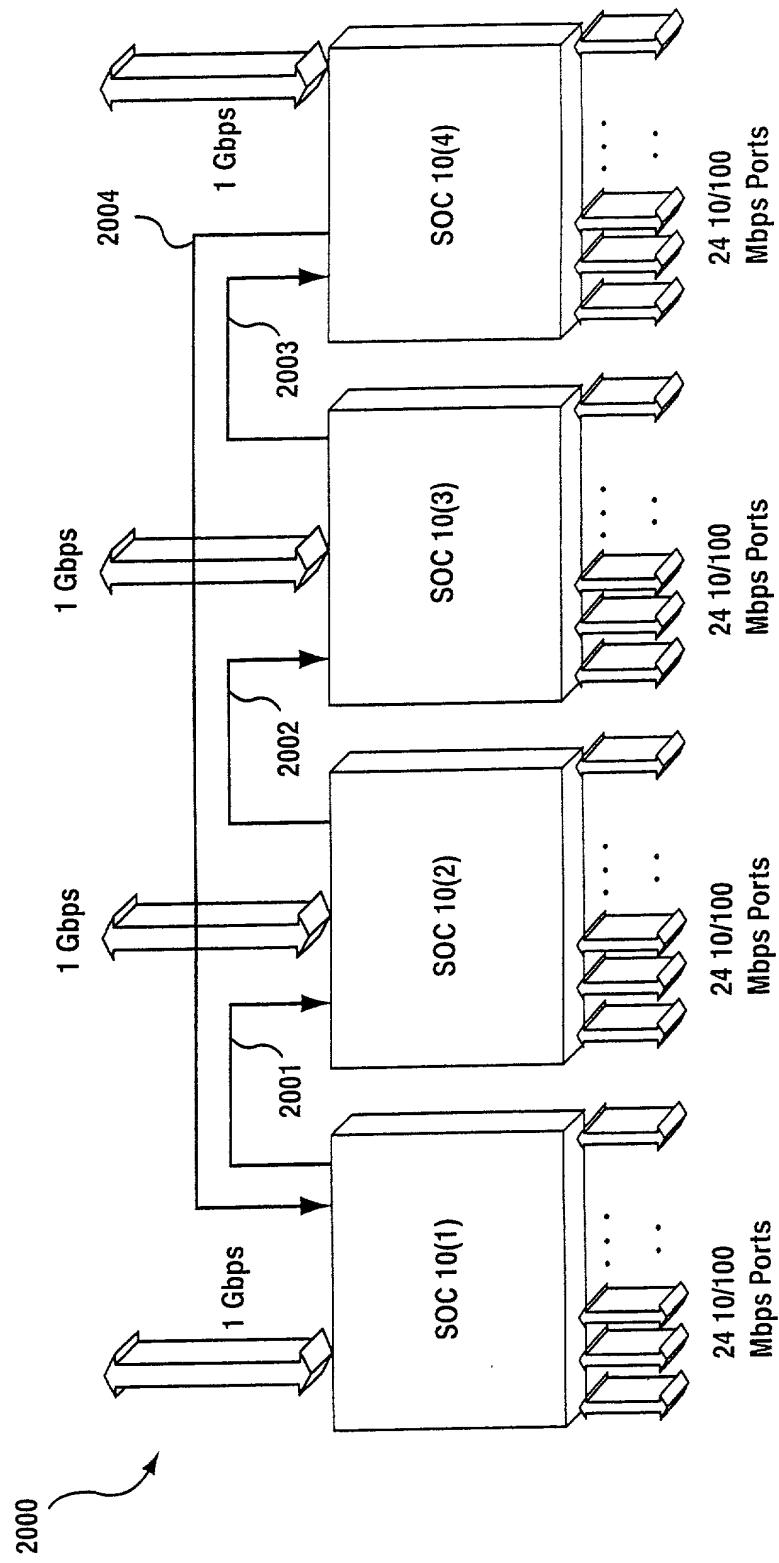
Fig.19



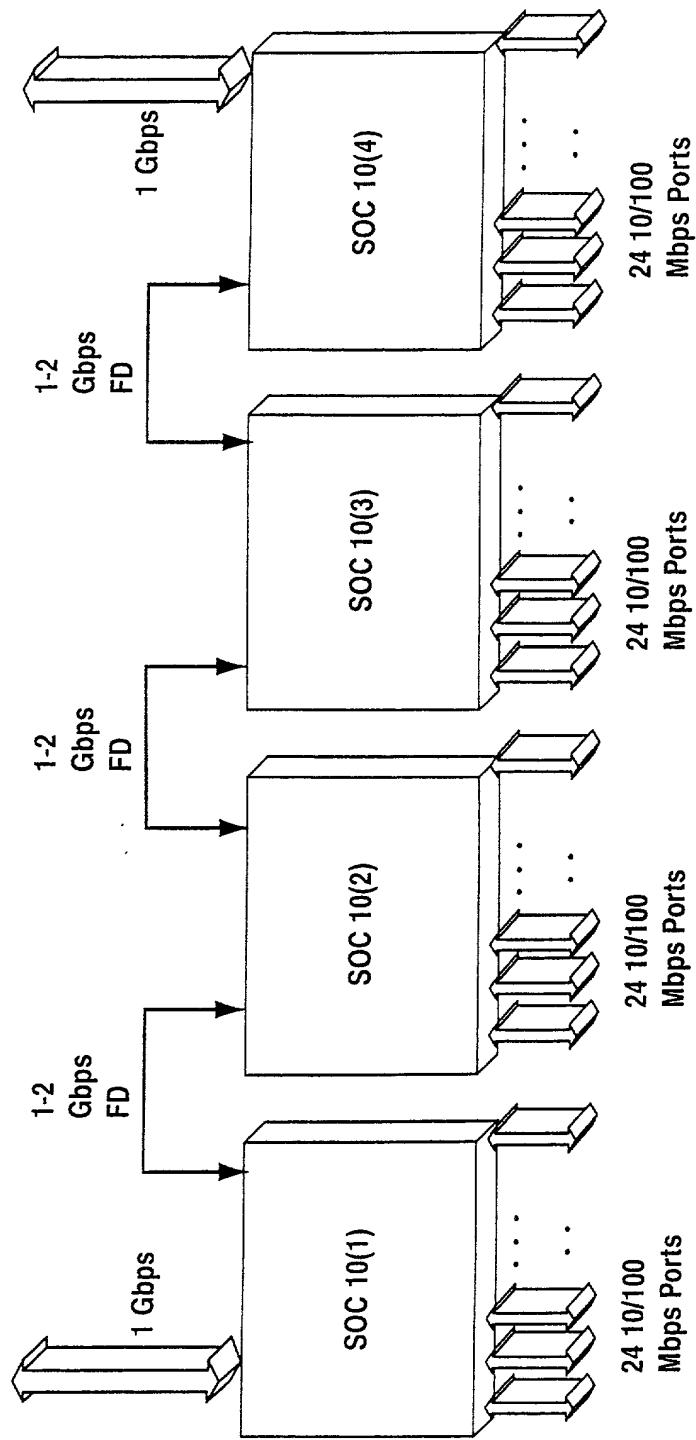
**Fig.20**



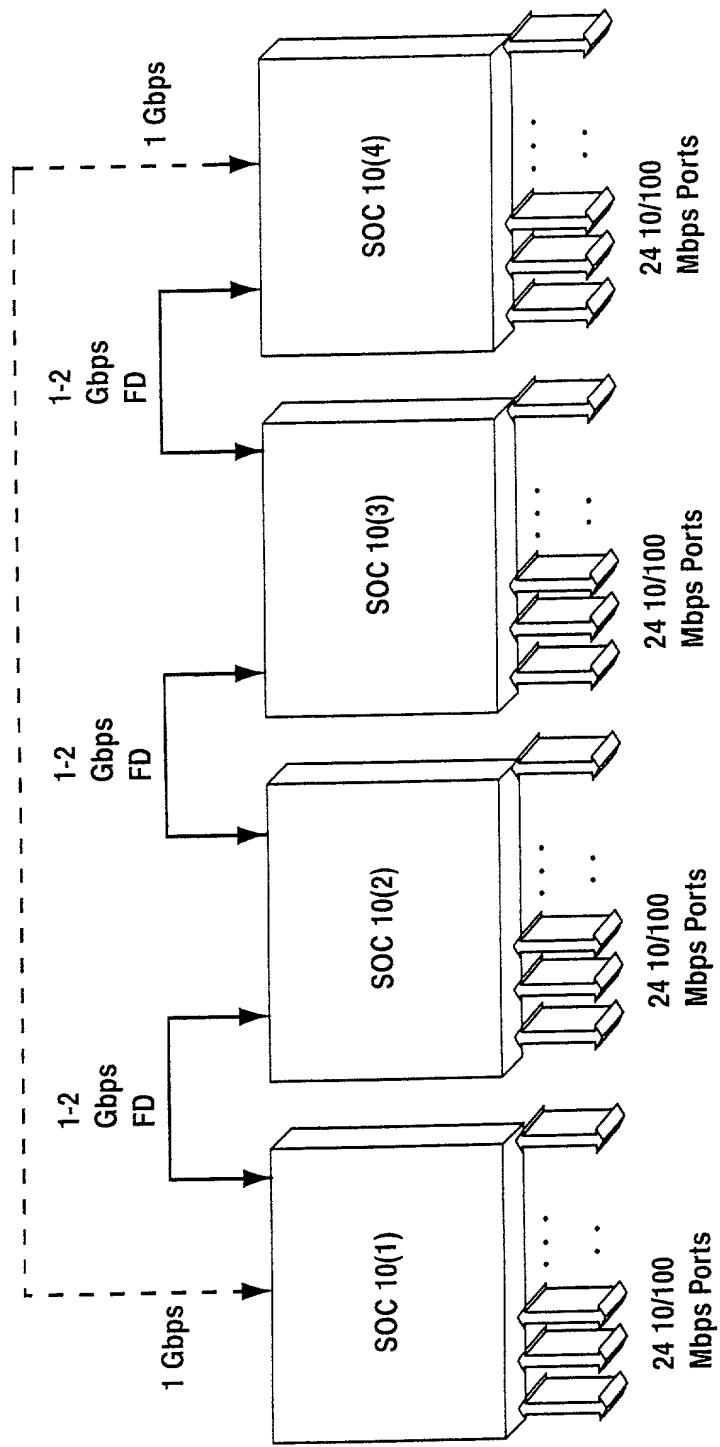
**Fig.21**



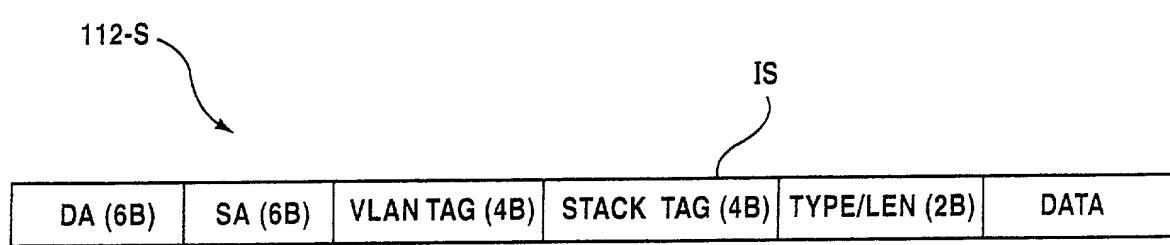
**Fig.22**



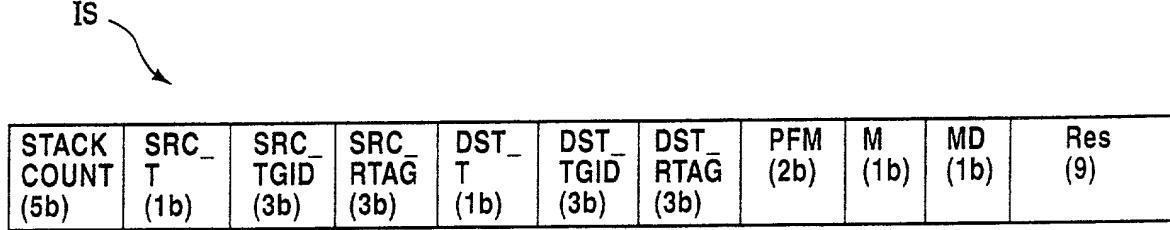
**Fig.23**



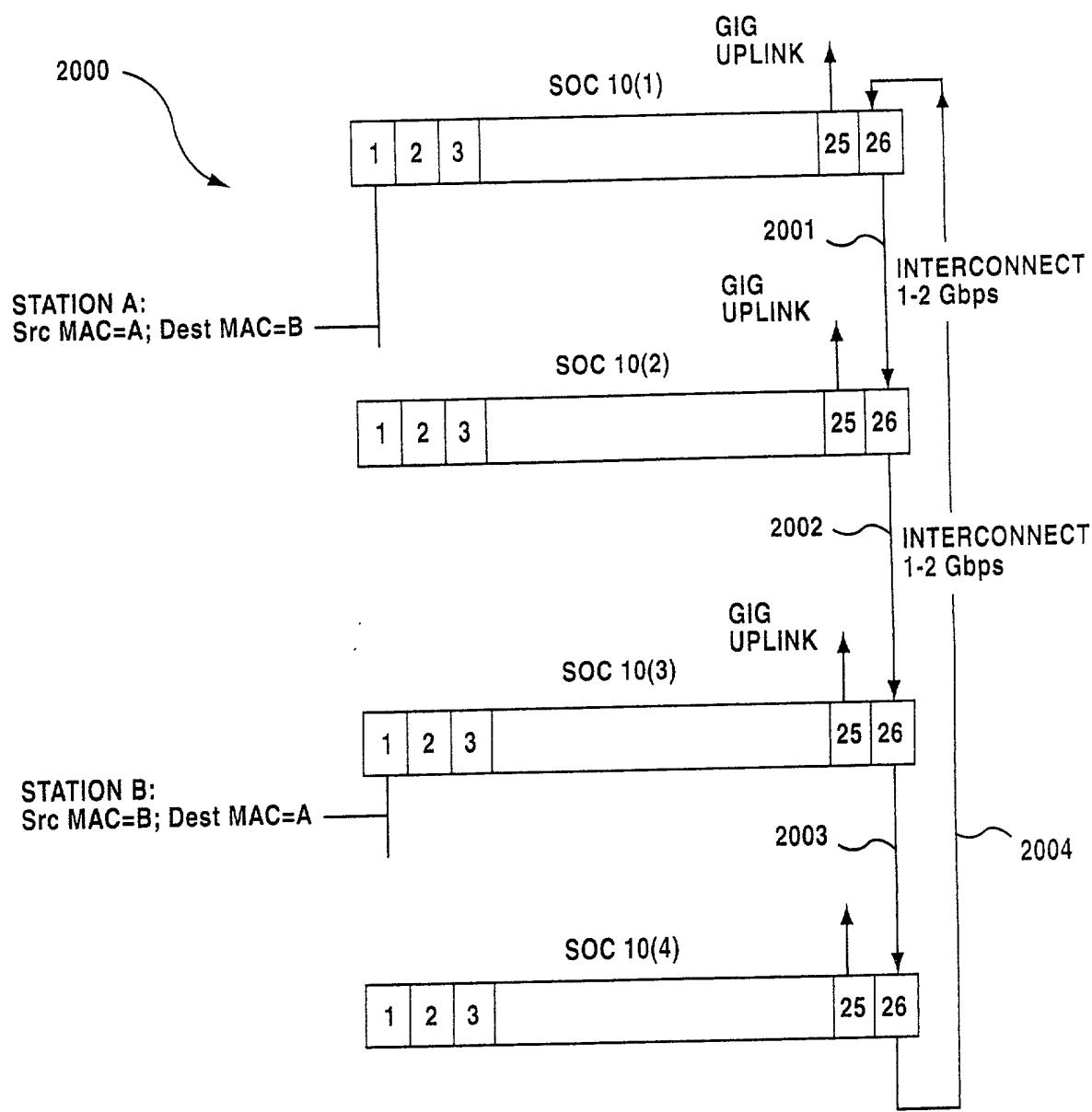
**Fig.24A**



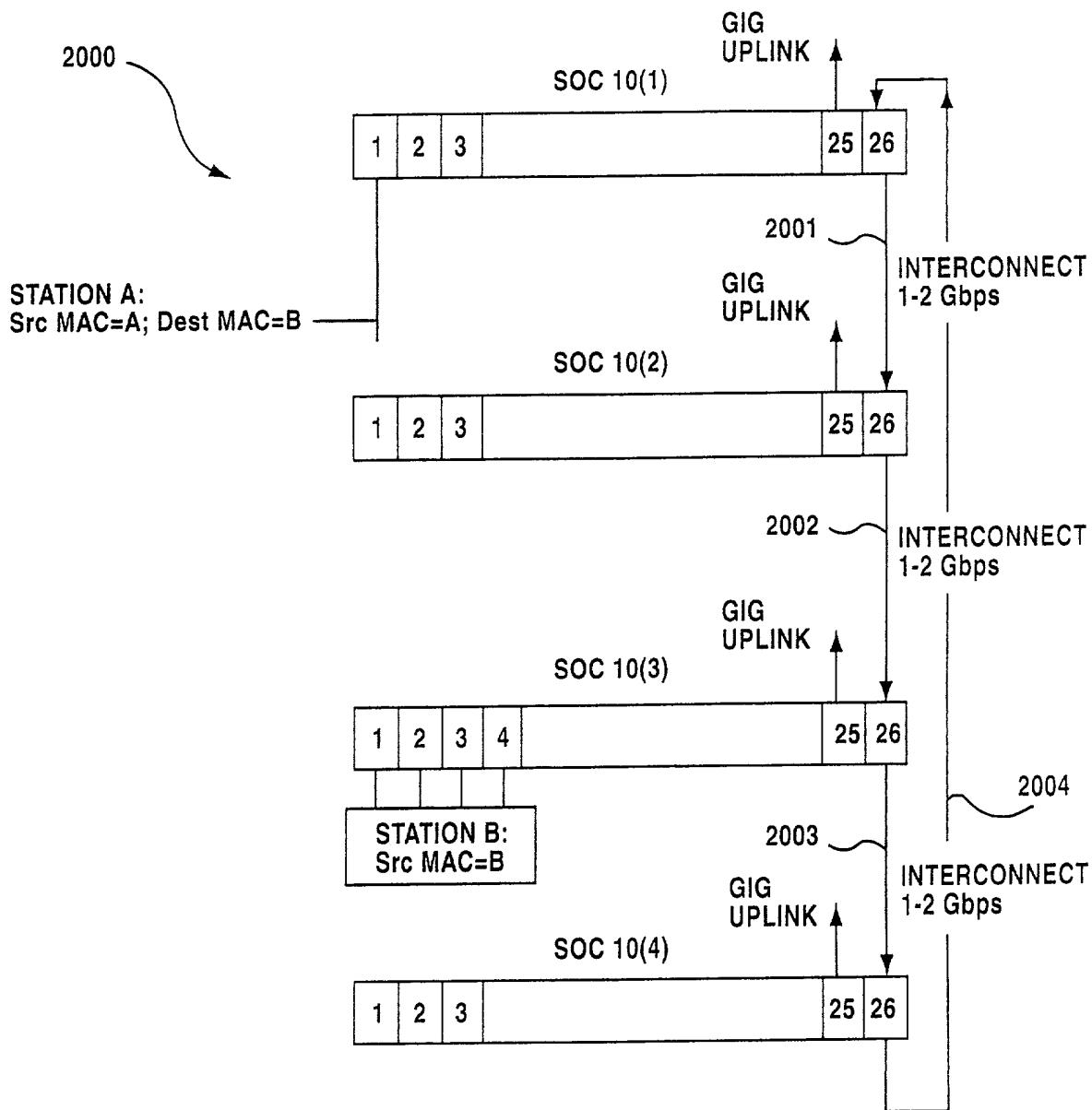
**Fig.24B**



**Fig.25**



**Fig.26**



**Fig.27A**

PORT NUMBER	MAC ADDRESS	VLAN ID	T	TGID	RTAG
1	A	1	0	X	X
26	B	1	1	2	2

**Fig.27B**

PORT NUMBER	MAC ADDRESS	VLAN ID	T	TGID	RTAG
26	A	1	0	X	X
26	B	1	1	2	2

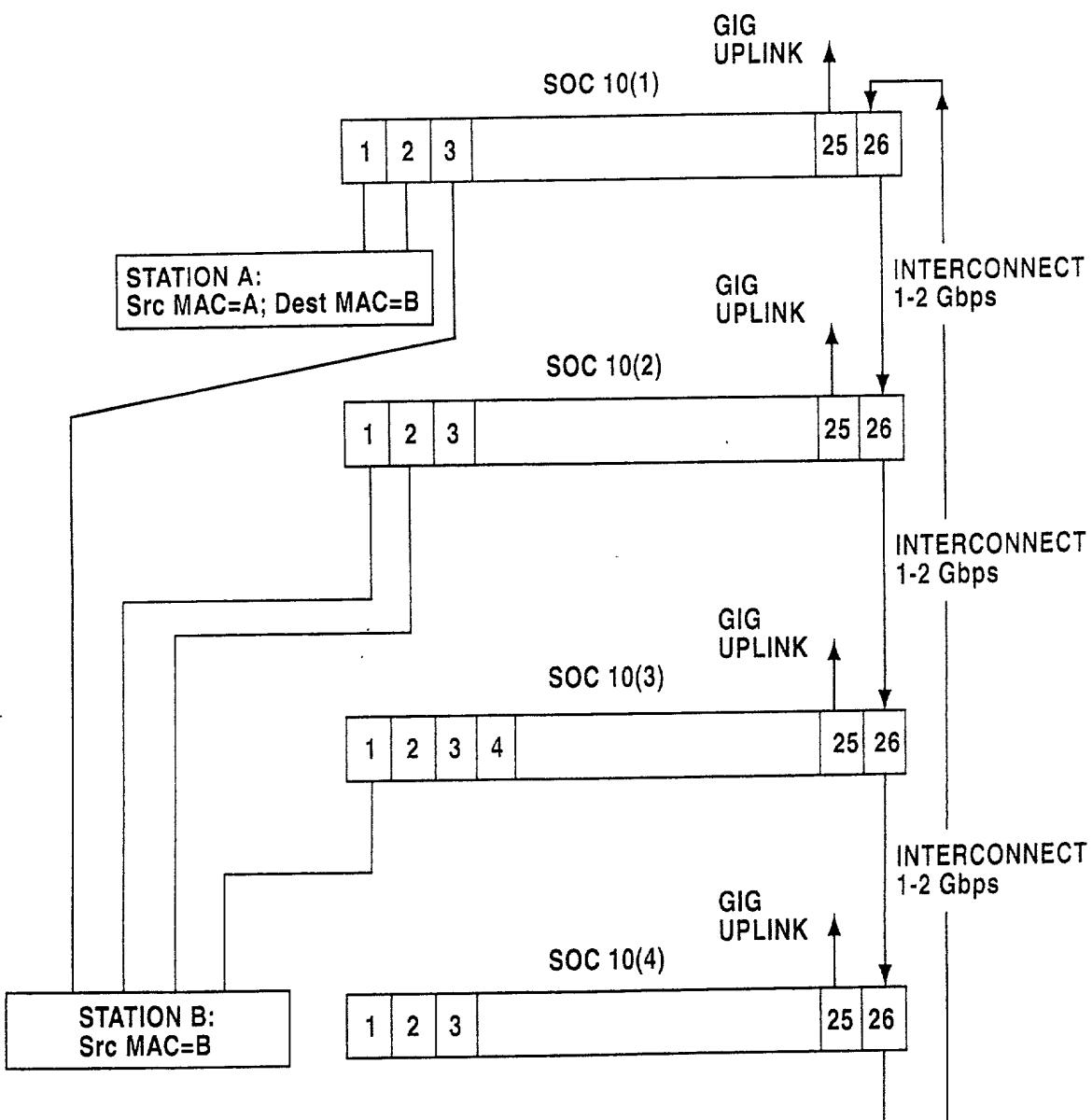
**Fig.27C**

PORT NUMBER	MAC ADDRESS	VLAN ID	T	TGID	RTAG
26	A	1	0	X	X
1	B	1	1	2	2

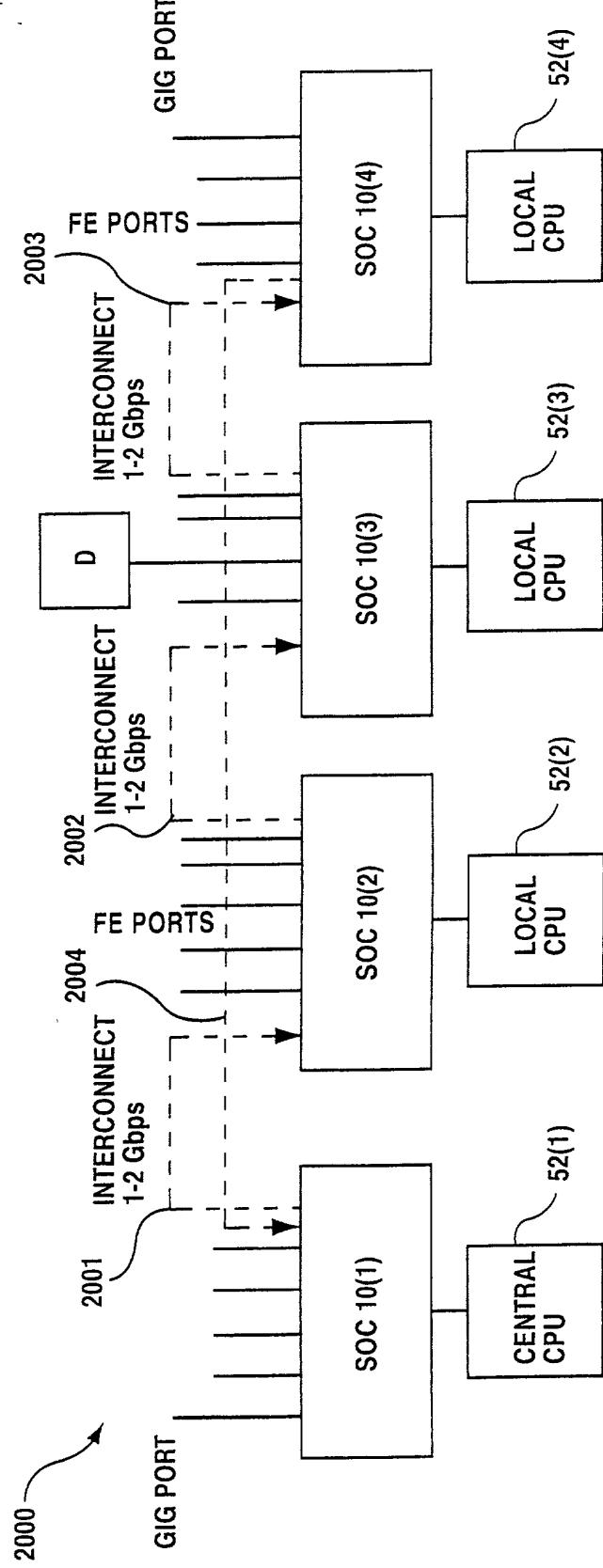
**Fig.27D**

PORT NUMBER	MAC ADDRESS	VLAN ID	T	TGID	RTAG
26	A	1	0	X	X
26	B	1	1	2	2

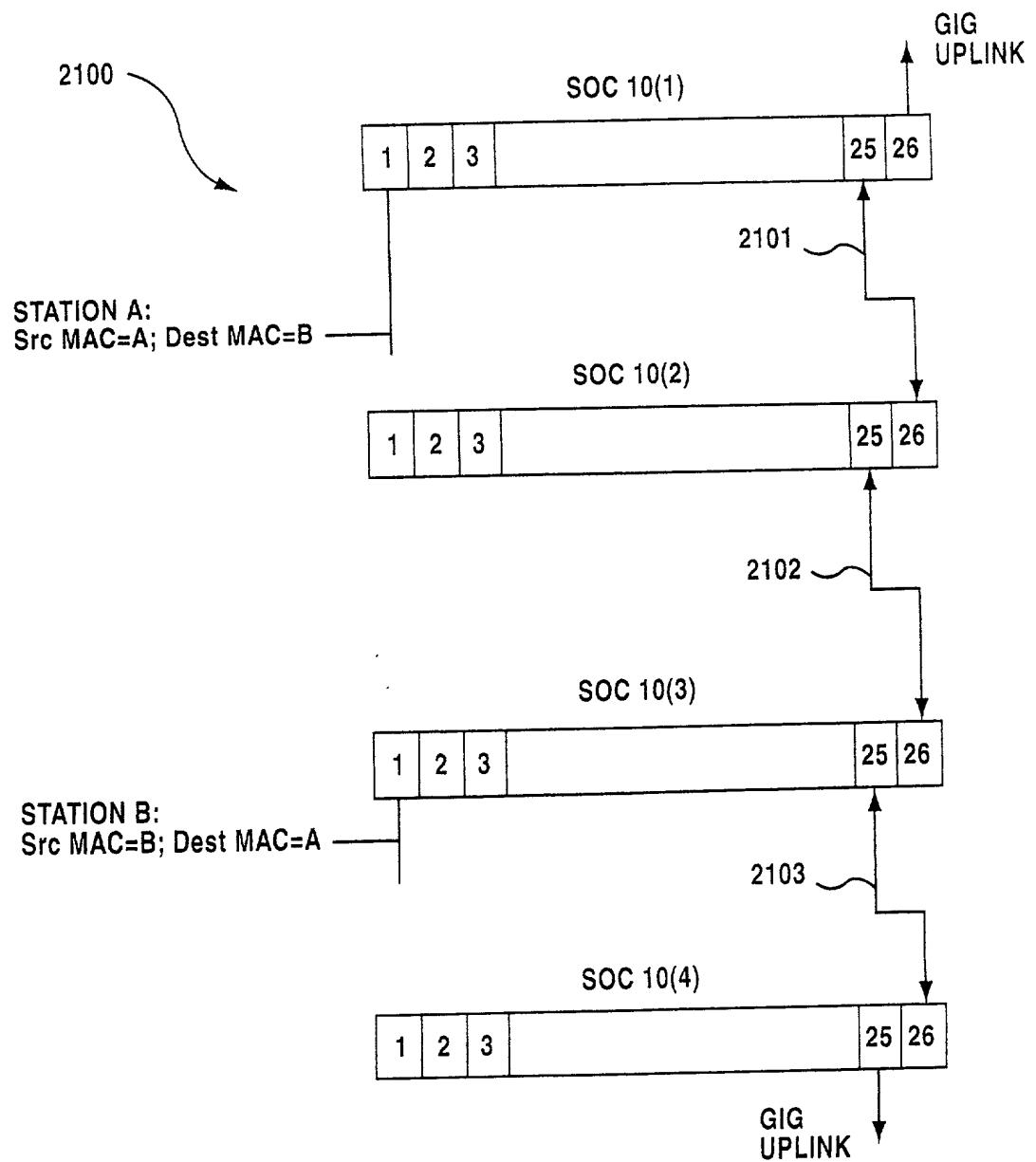
**Fig.28**



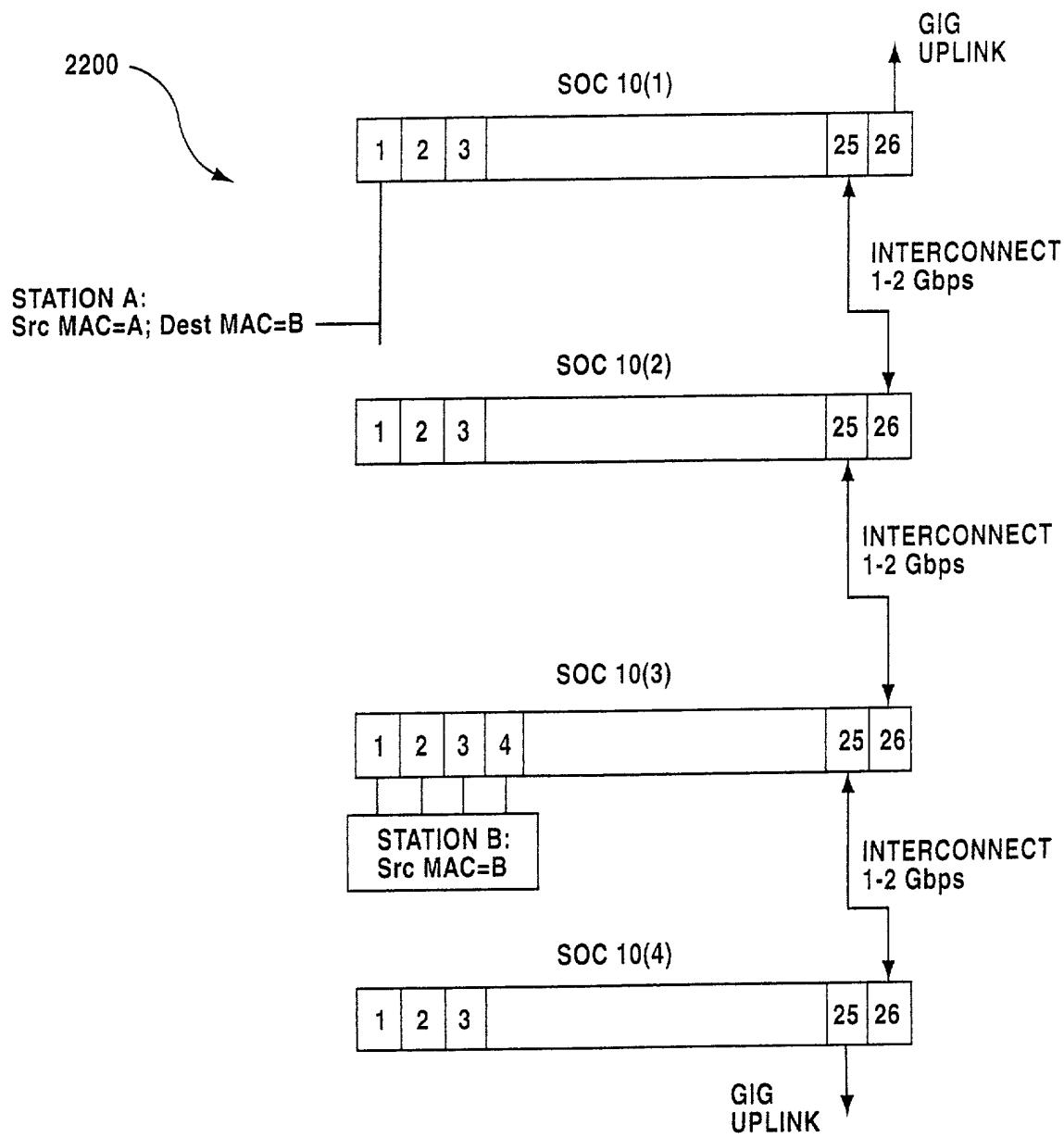
**Fig.29**



**Fig.30**



**Fig.31**



**Fig.32A**

PORT NUMBER	MAC ADDRESS	VLAN ID	T	TGID	RTAG
1	A	1	0	X	X
25	B	1	1	2	2

**Fig.32B**

PORT NUMBER	MAC ADDRESS	VLAN ID	T	TGID	RTAG
26	A	1	0	X	X
25	B	1	1	2	2

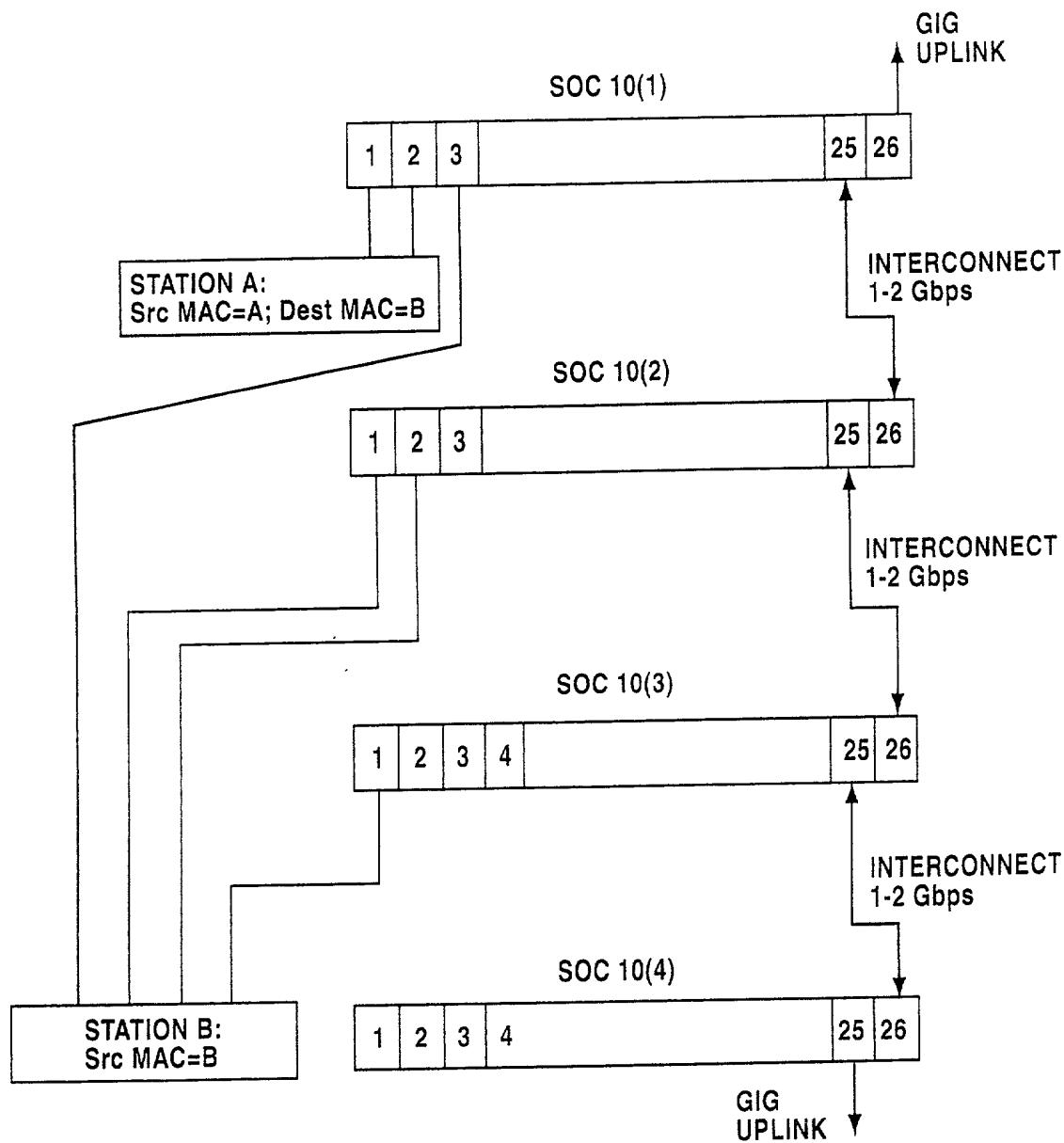
**Fig.32C**

PORT NUMBER	MAC ADDRESS	VLAN ID	T	TGID	RTAG
26	A	1	0	X	X
1	B	1	1	2	2

**Fig.32D**

PORT NUMBER	MAC ADDRESS	VLAN ID	T	TGID	RTAG
26	A	1	0	X	X

**Fig.33**



**Fig.34A**

PORT NUMBER	MAC ADDRESS	VLAN ID	T	TGID	RTAG
1	A	1	1	1	1
25	B	1	1	2	2

**Fig.34B**

PORT NUMBER	MAC ADDRESS	VLAN ID	T	TGID	RTAG
26	A	1	1	1	1
25	B	1	1	2	2

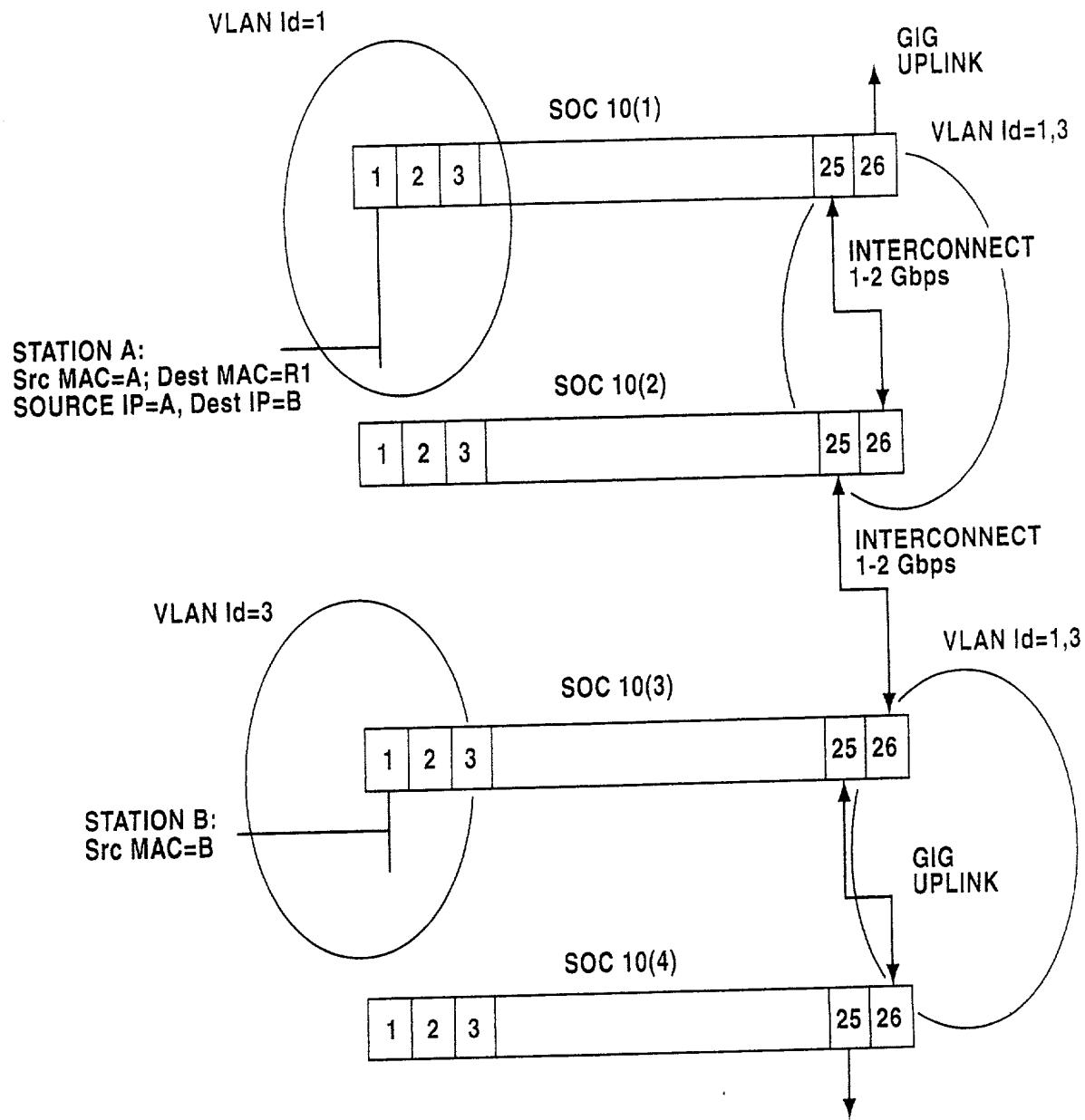
**Fig.34C**

PORT NUMBER	MAC ADDRESS	VLAN ID	T	TGID	RTAG
26	A	1	1	1	1
1	B	1	1	2	2

**Fig.34D**

PORT NUMBER	MAC ADDRESS	VLAN ID	T	TGID	RTAG
26	A	1	1	1	1

**Fig.35**



**Fig.36**

TRUNK GROUP TABLE FOR SW1:

TGID	TP0	TP1	TP2	TP3	TP4	TP5	TP6	TP7	TG SIZE
2	25	25	25	25	X	X	X	X	4

TRUNK GROUP TABLE FOR SW2:

TGID	TP0	TP1	TP2	TP3	TP4	TP5	TP6	TP7	TG SIZE
2	25	25	25	25	X	X	X	X	4

TRUNK GROUP TABLE FOR SW3:

TGID	TP0	TP1	TP2	TP3	TP4	TP5	TP6	TP7	TG SIZE
2	1	2	3	4	X	X	X	X	4

TRUNK GROUP TABLE FOR SW4:

TGID	TP0	TP1	TP2	TP3	TP4	TP5	TP6	TP7	TG SIZE
2	26	26	26	26	X	X	X	X	4

00000000000000000000000000000000

**Fig.37**

TRUNK GROUP TABLE FOR SW1:

TGID	TP0	TP1	TP2	TP3	TP4	TP5	TP6	TP7	TG SIZE
1	1	2	X	X	X	X	X	X	2
2	25	25	25	3	X	X	X	X	4

TRUNK GROUP TABLE FOR SW2:

TGID	TP0	TP1	TP2	TP3	TP4	TP5	TP6	TP7	TG SIZE
1	26	26	X	X	X	X	X	X	2
2	25	1	2	26	X	X	X	X	4

TRUNK GROUP TABLE FOR SW3:

TGID	TP0	TP1	TP2	TP3	TP4	TP5	TP6	TP7	TG SIZE
1	26	26	X	X	X	X	X	X	2
2	1	26	26	26	X	X	X	X	4

TRUNK GROUP TABLE FOR SW4:

TGID	TP0	TP1	TP2	TP3	TP4	TP5	TP6	TP7	TG SIZE
1	26	26	X	X	X	X	X	X	2
2	26	26	26	26	X	X	X	X	4

FOR F90-BE2E41660

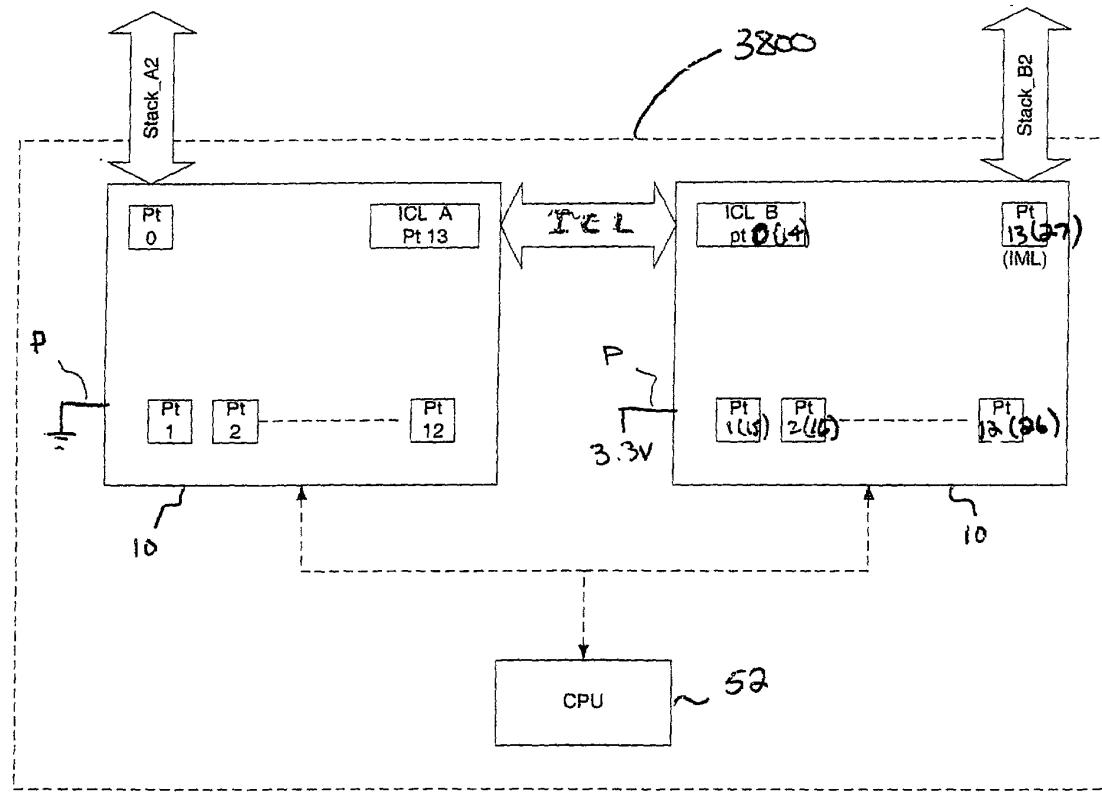
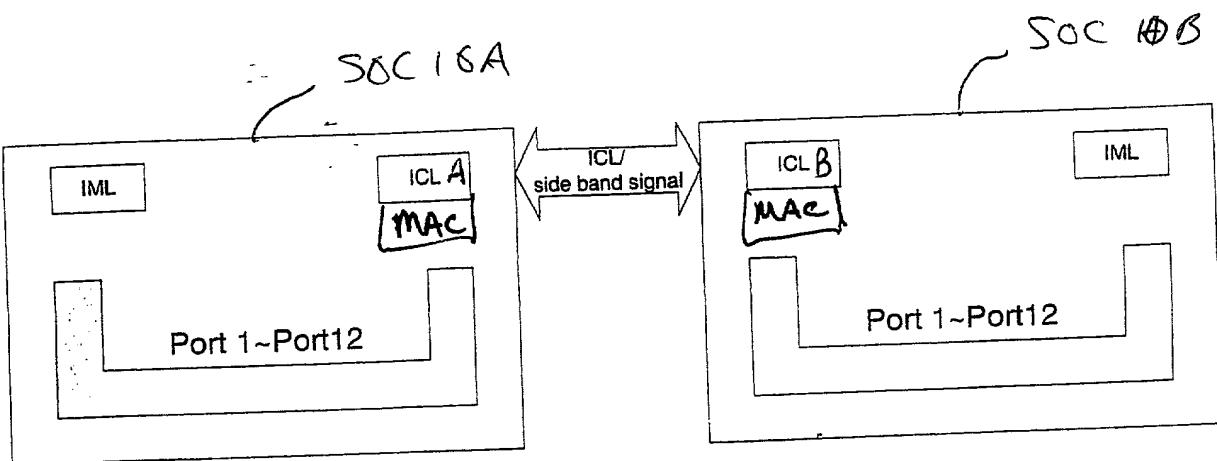


Figure 38

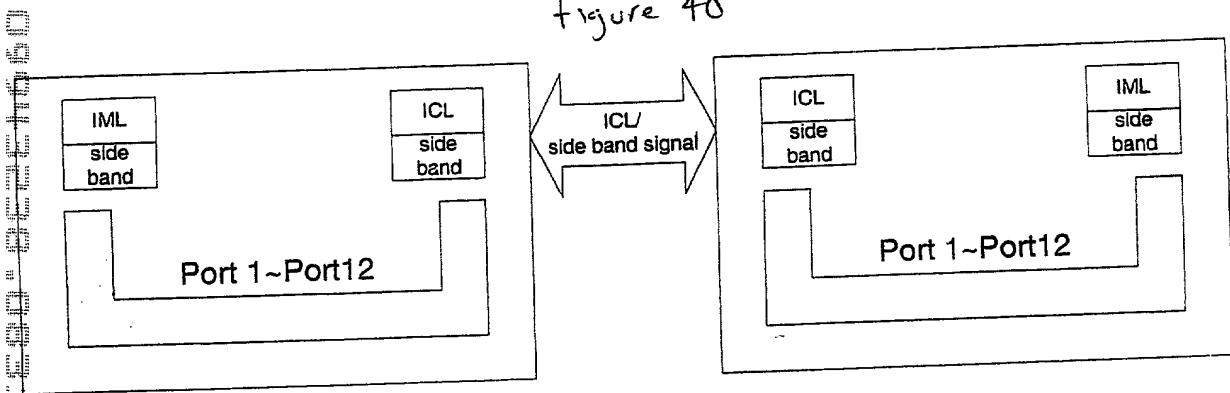
30	28	26	24	22	20	18	16	14	12	10	8	6	4	2	0	
Opcode		Dest Port			Src Port			Data Len				E	Eco de	Cos	C	
S	R	Port Bitmap DATA														

Figure 39



using MAC control frame scheme

figure 40



using side band signal

figure 41

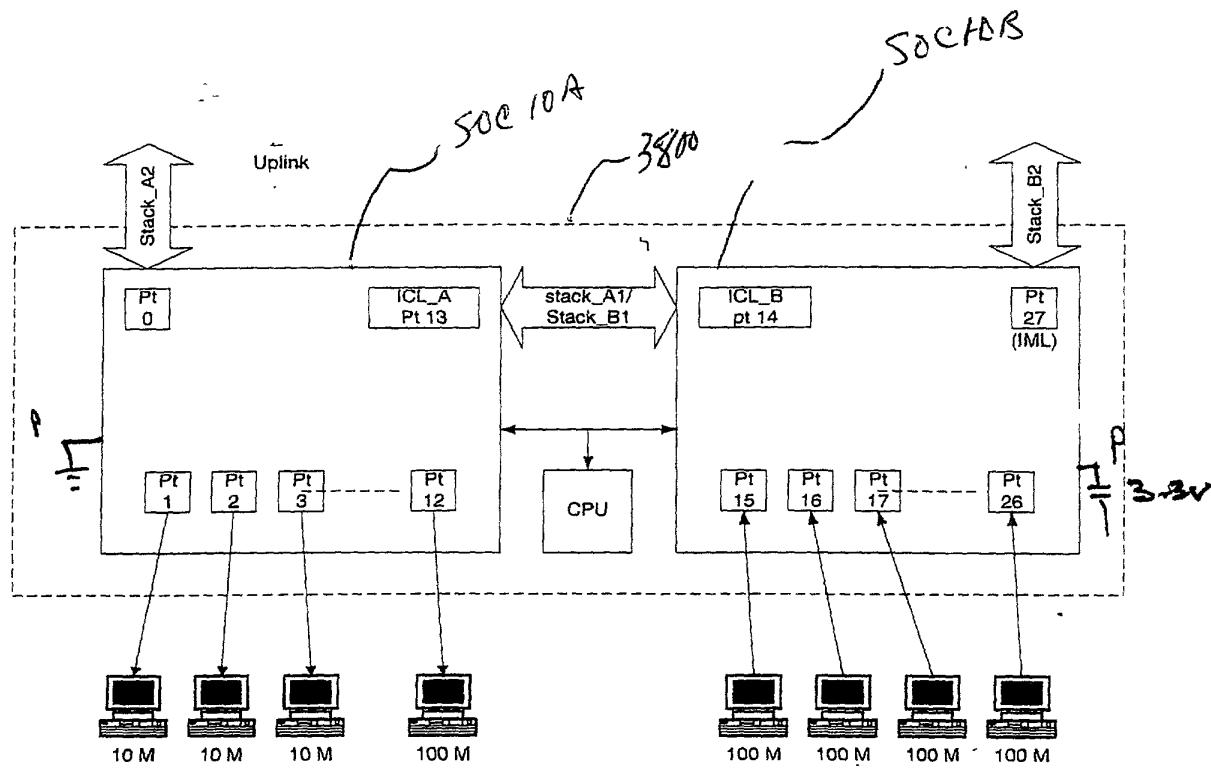


Figure 4a

Rx budget  
for back pressure

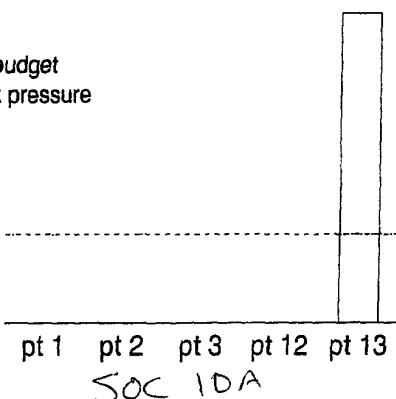


Fig 43A

Rx budget  
for back pressure

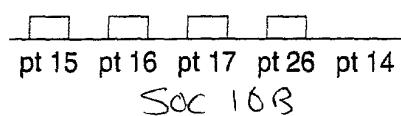


Fig 43B

cell count/pkt count  
for COS/HOL

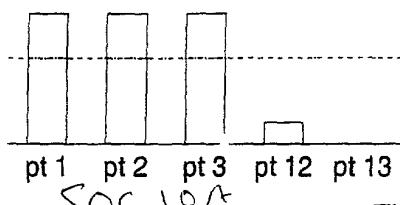


Fig 43C

cell count/pkt count  
for COS/HOL

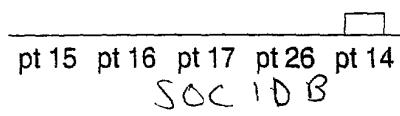
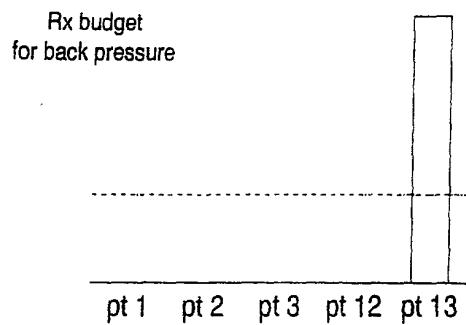
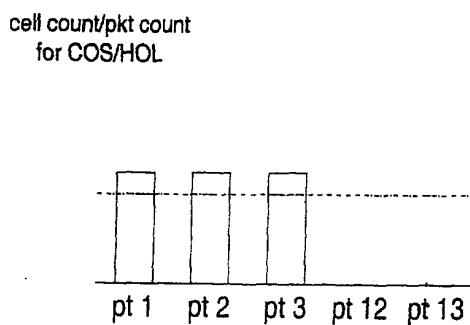


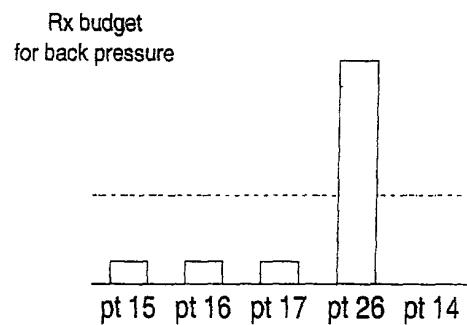
Fig 43D



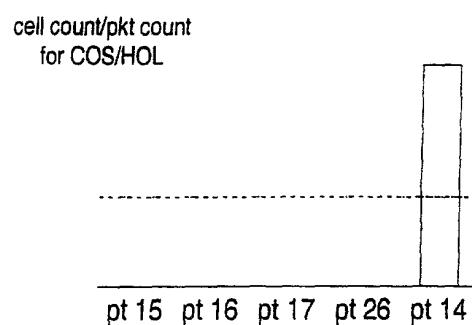
SOC 16A  
Figure 44a



SOC 16A  
Figure 44c



SOC 16B  
Figure 44b



SOC 16B  
Figure 44d

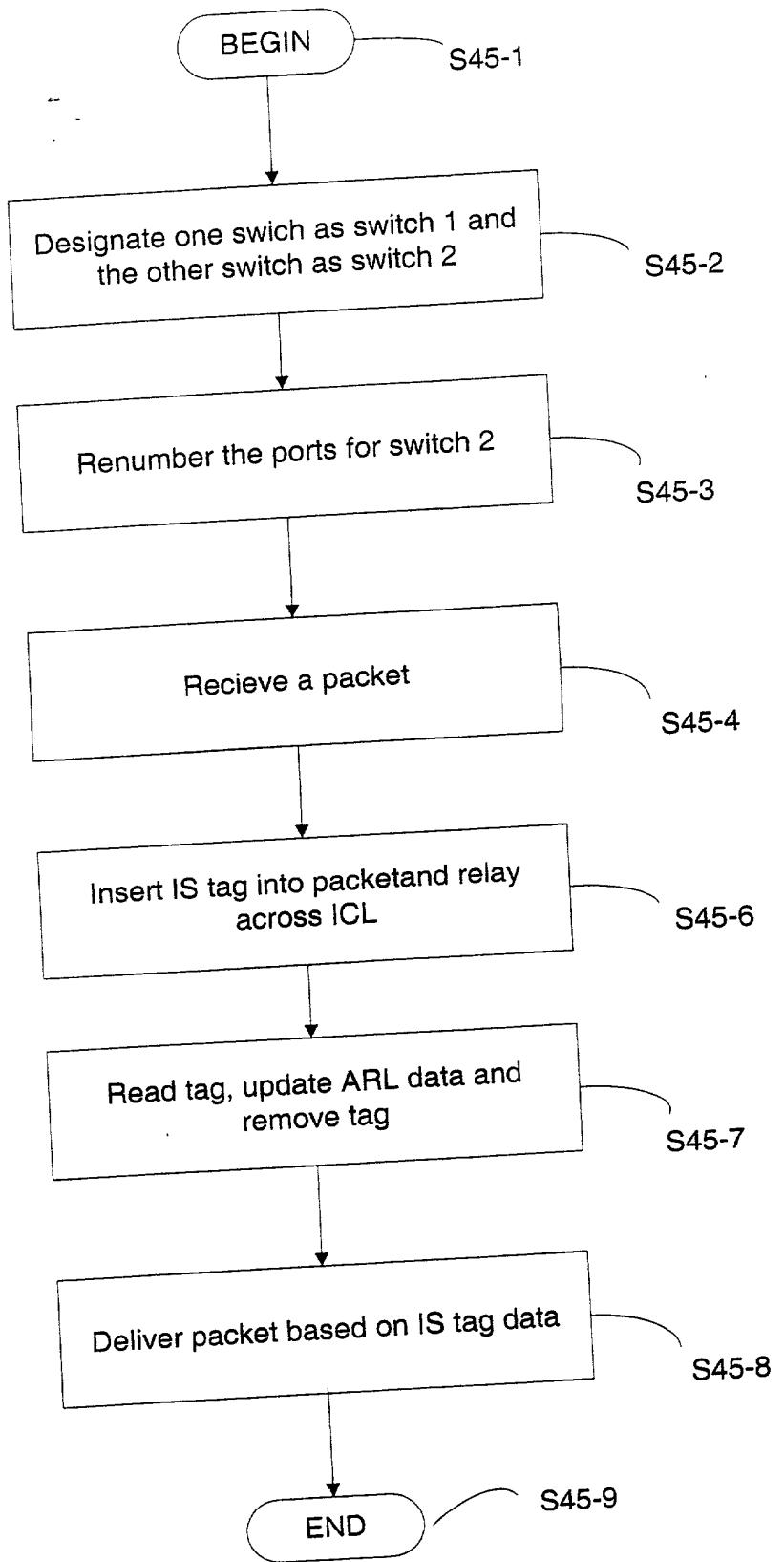


FIG. 45

S47-1 S47-2 S47-3 S47-4 S47-5 S47-6 S47-7 S47-8

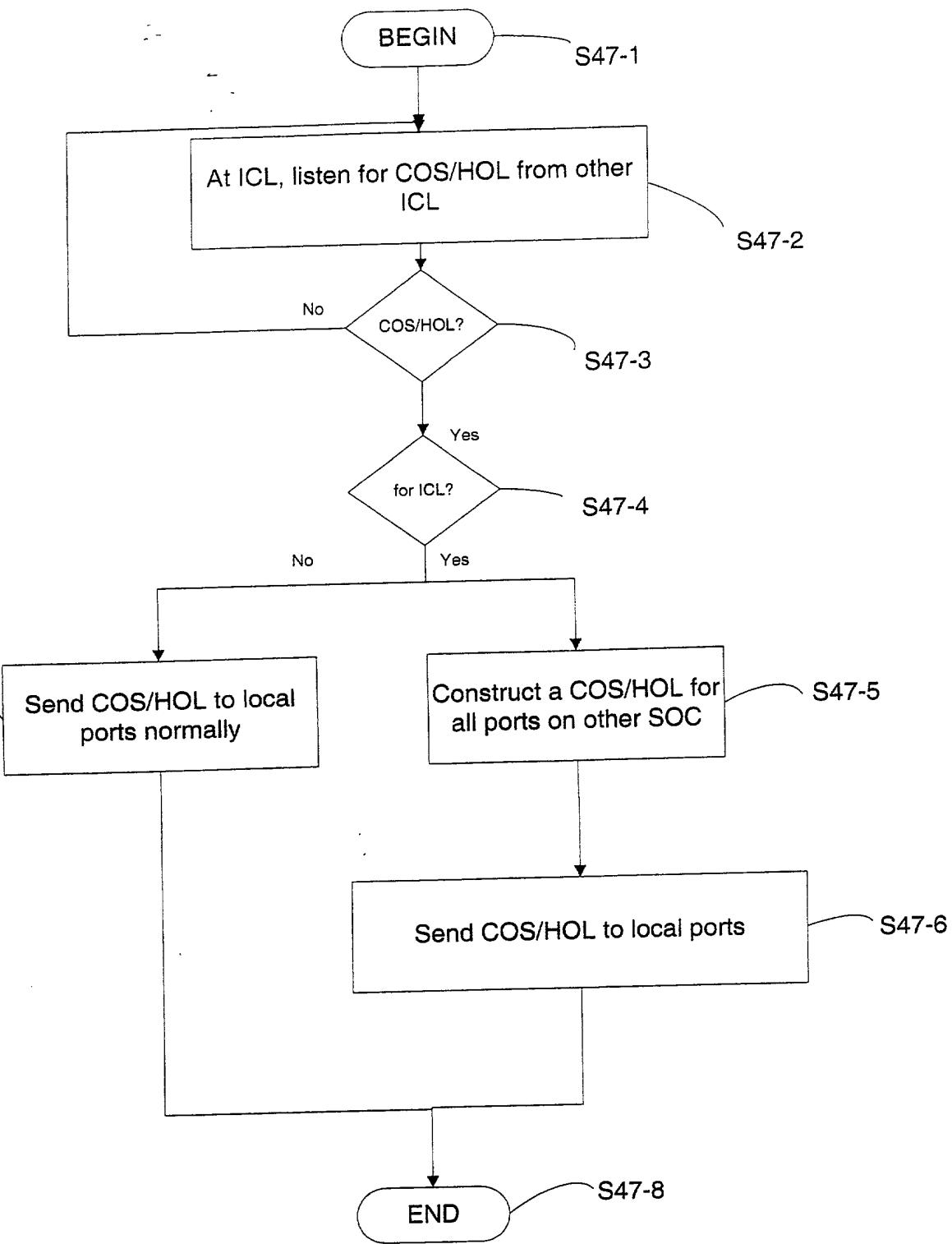


FIG. 47